FIG. 1

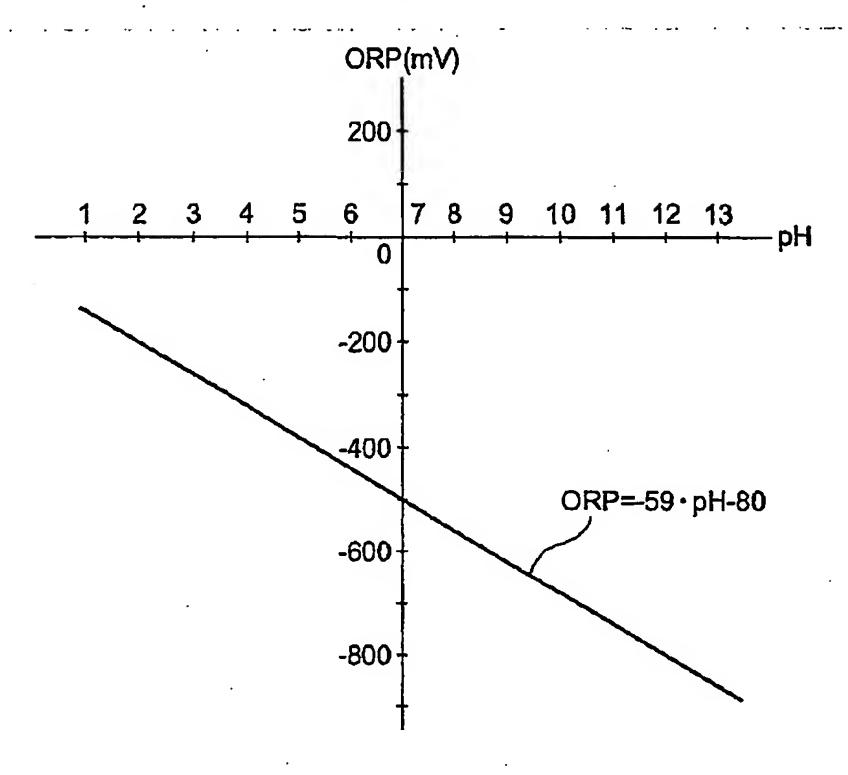
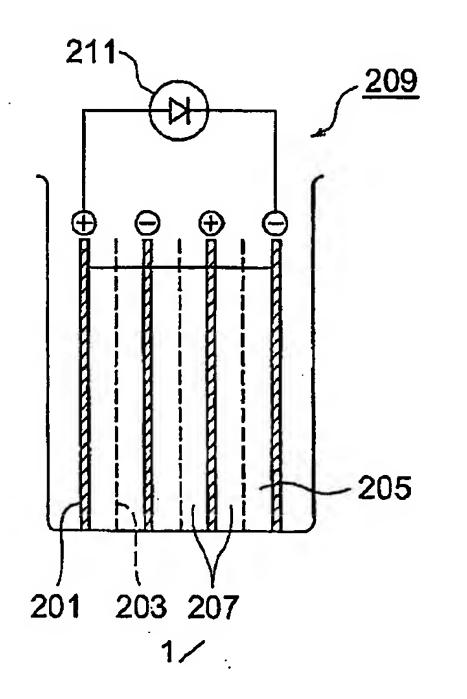
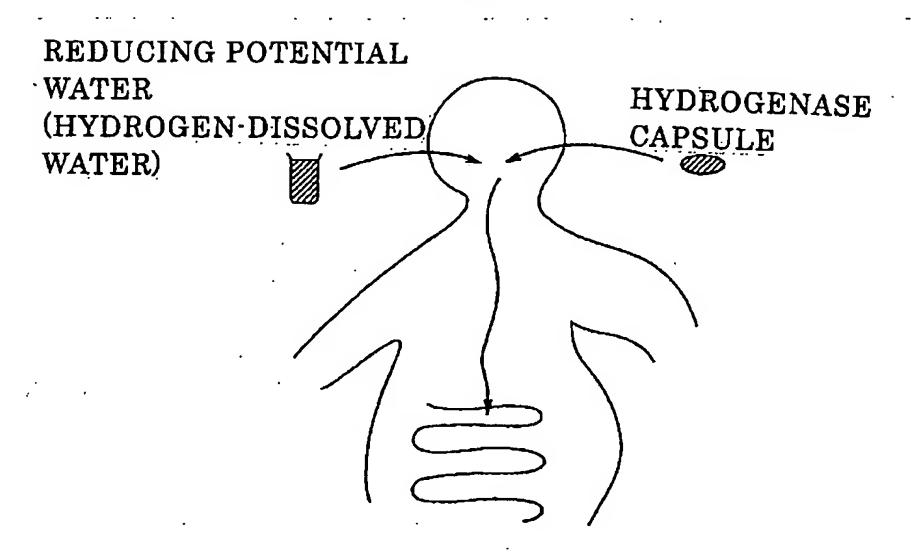


FIG. 2



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## FIG. 3



## FIG.4

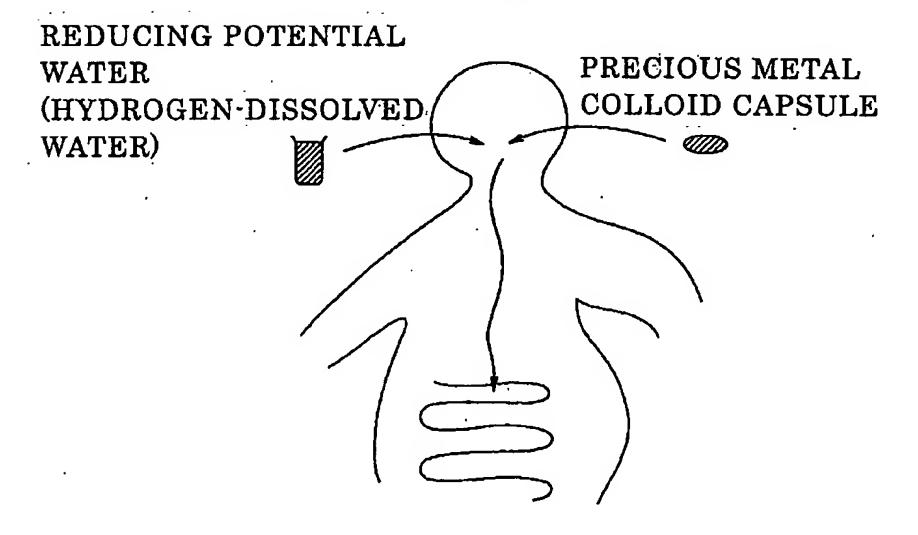
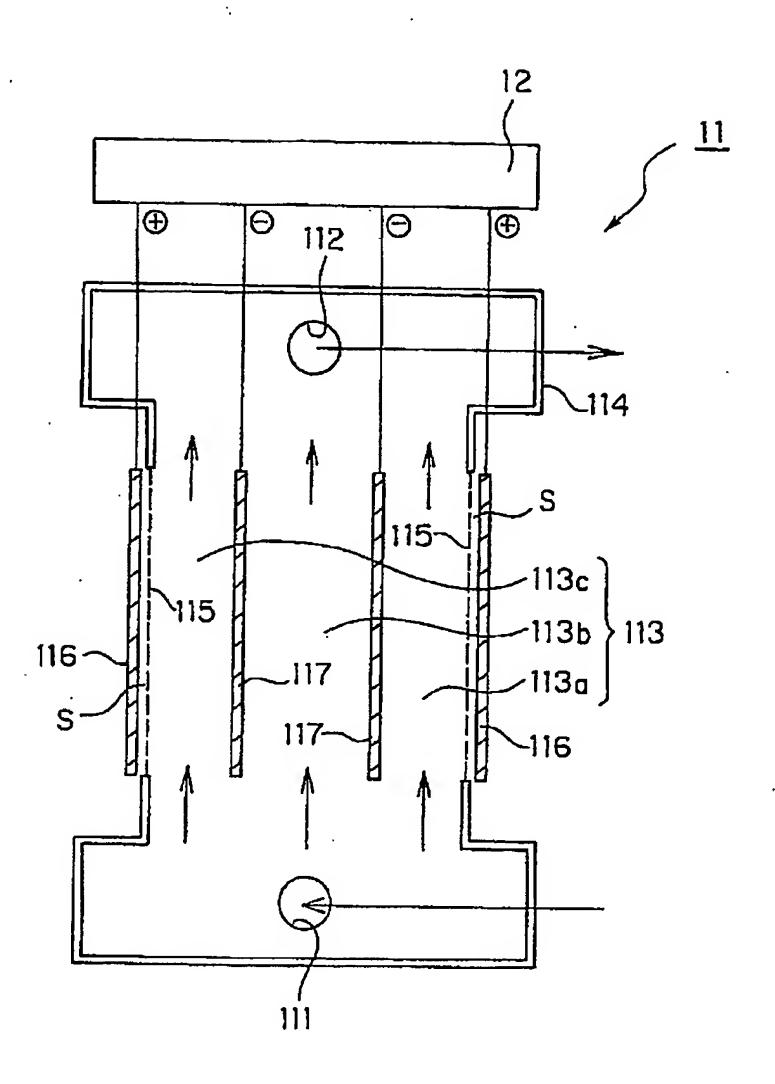
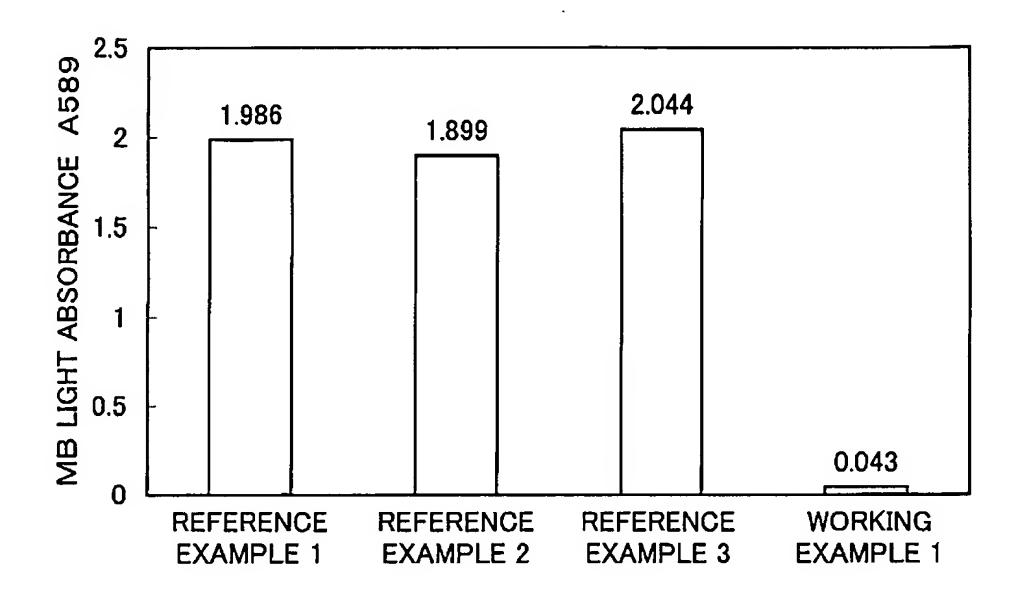


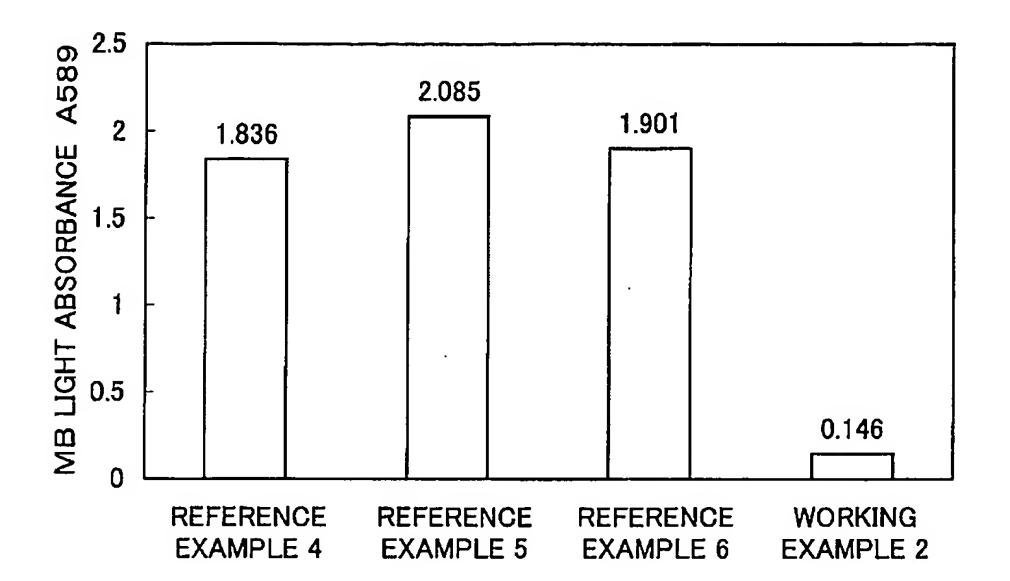
FIG.5



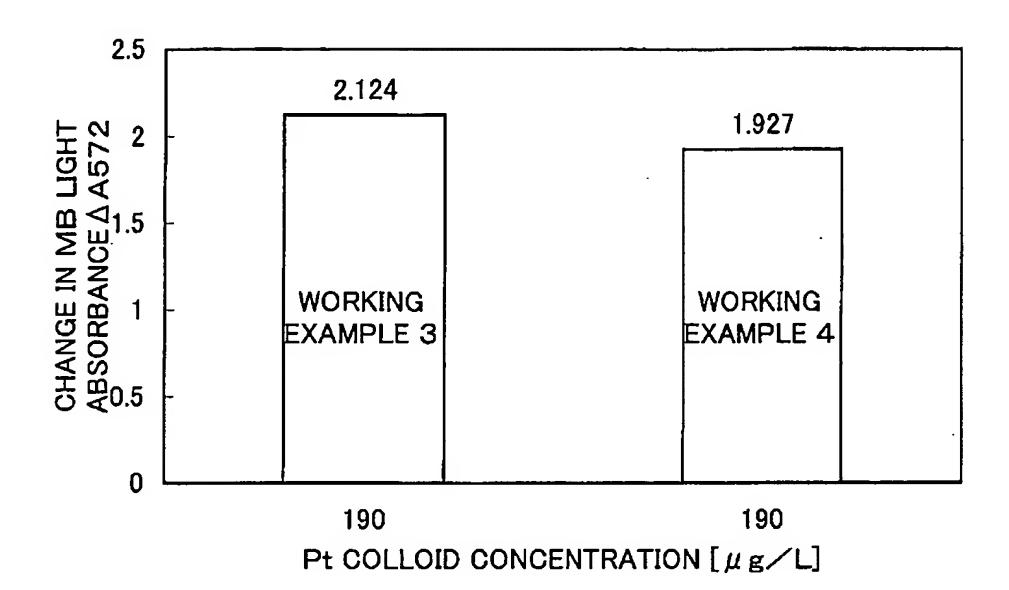




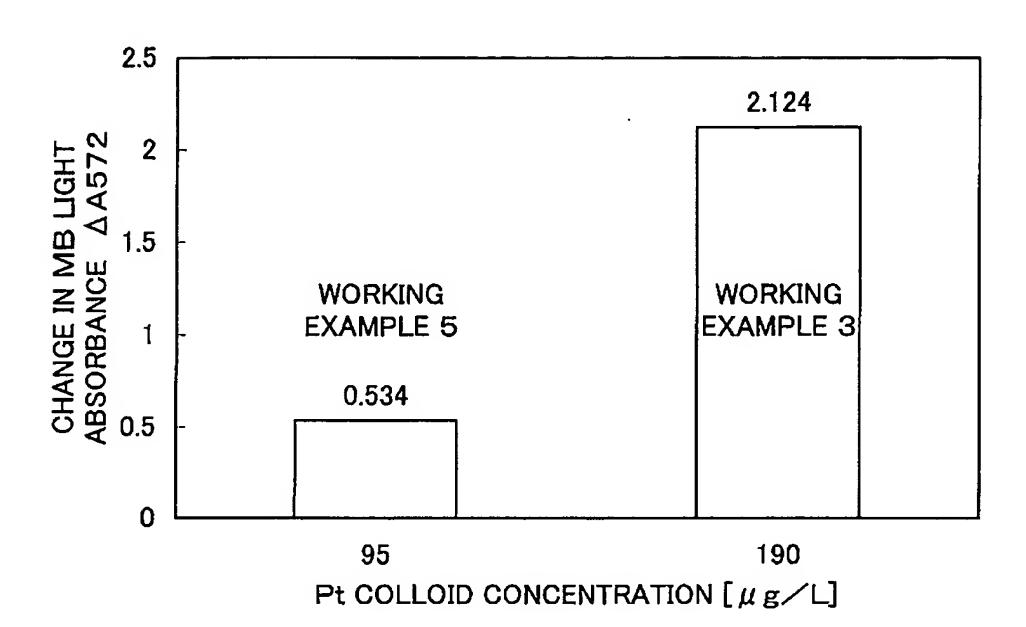




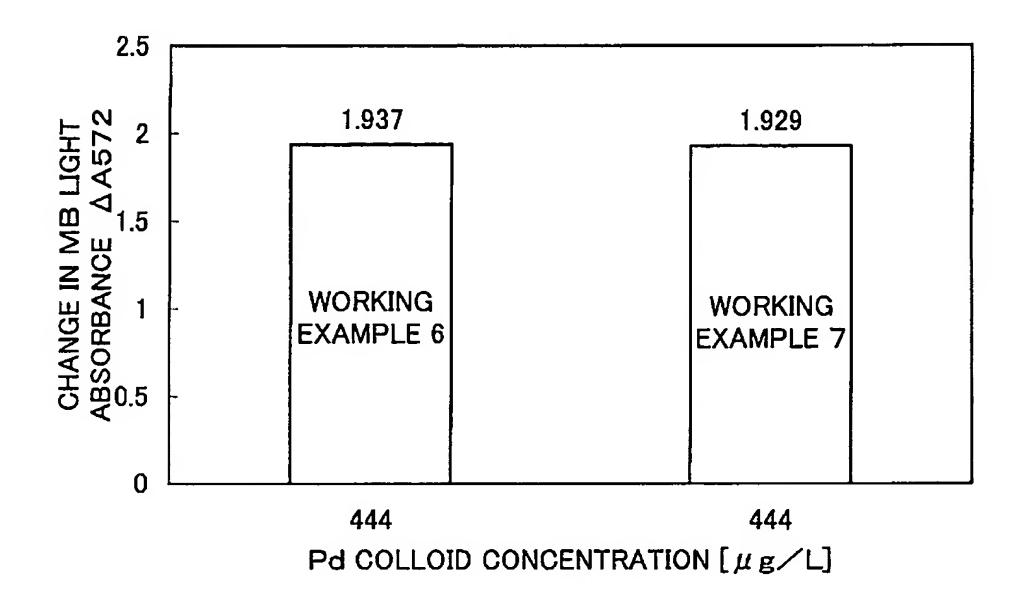














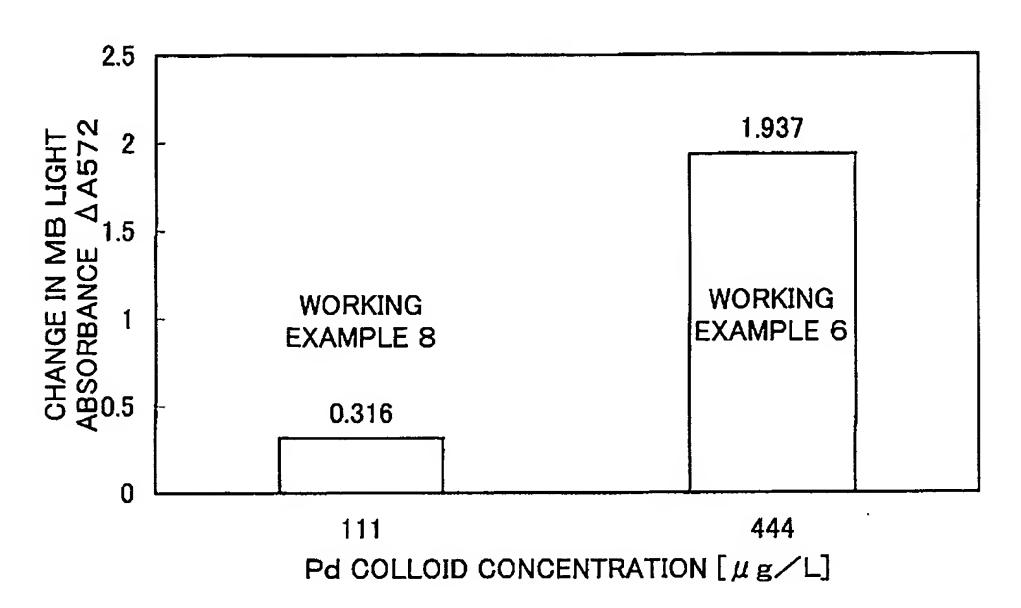


FIG. 12

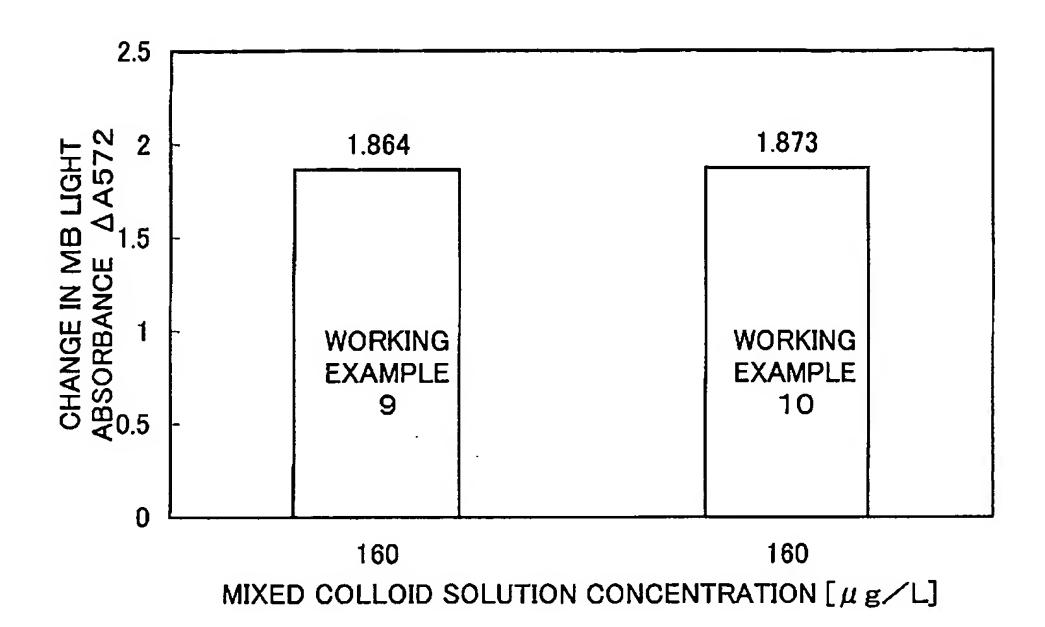


FIG. 13

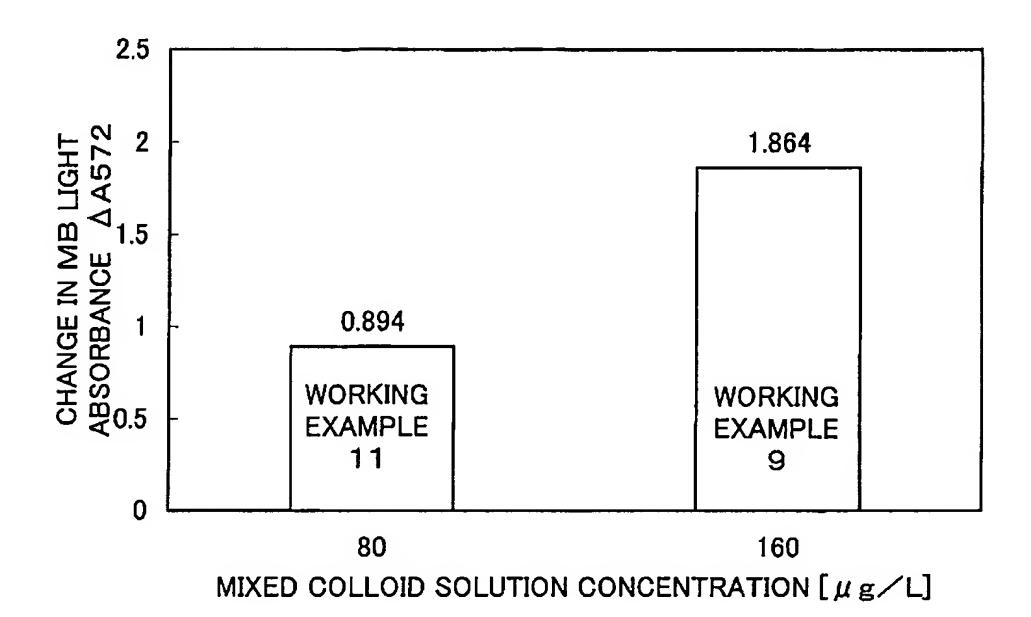
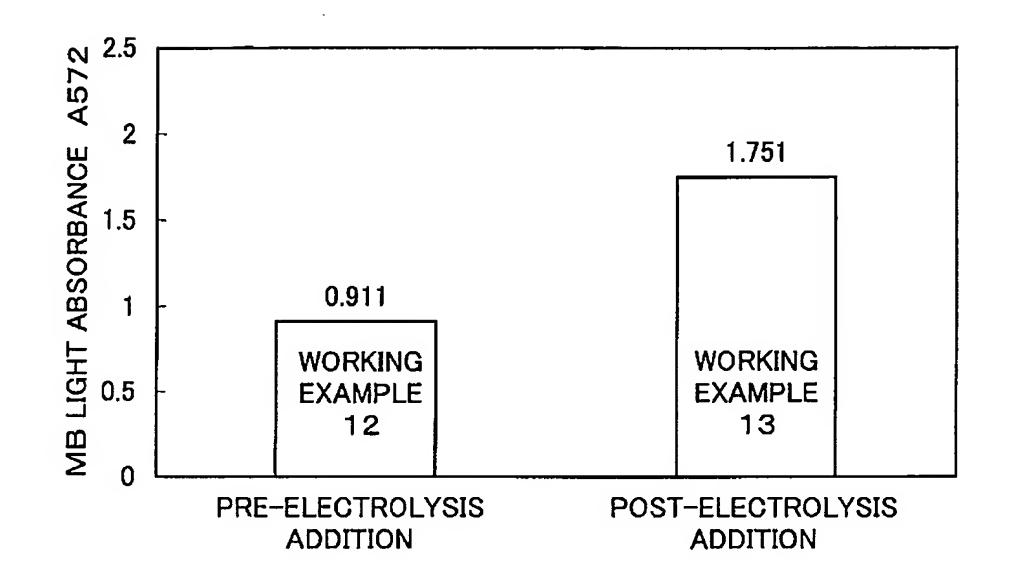
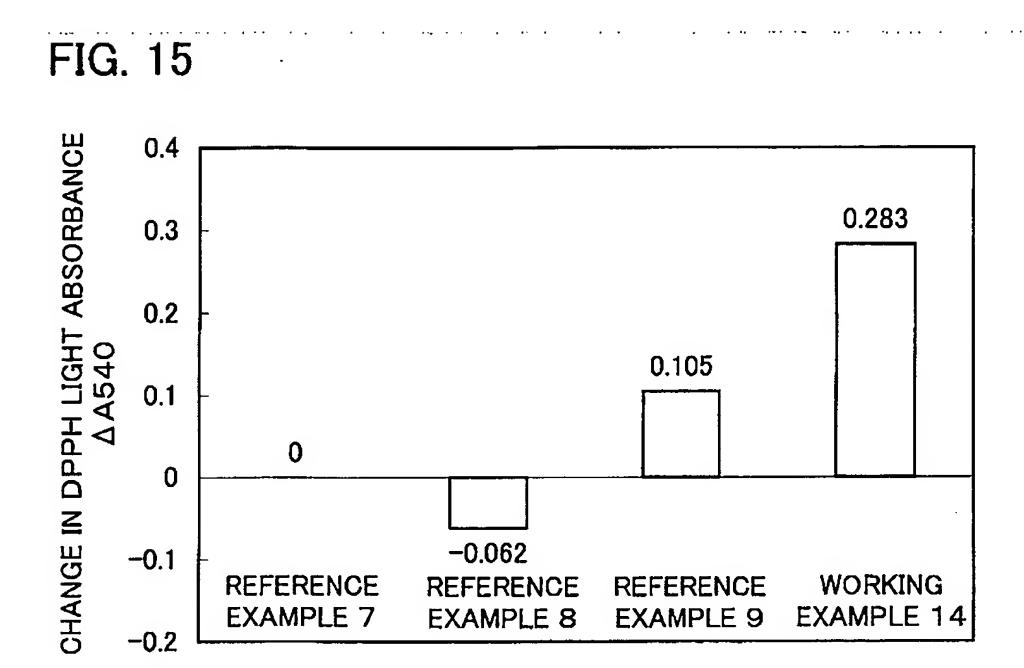
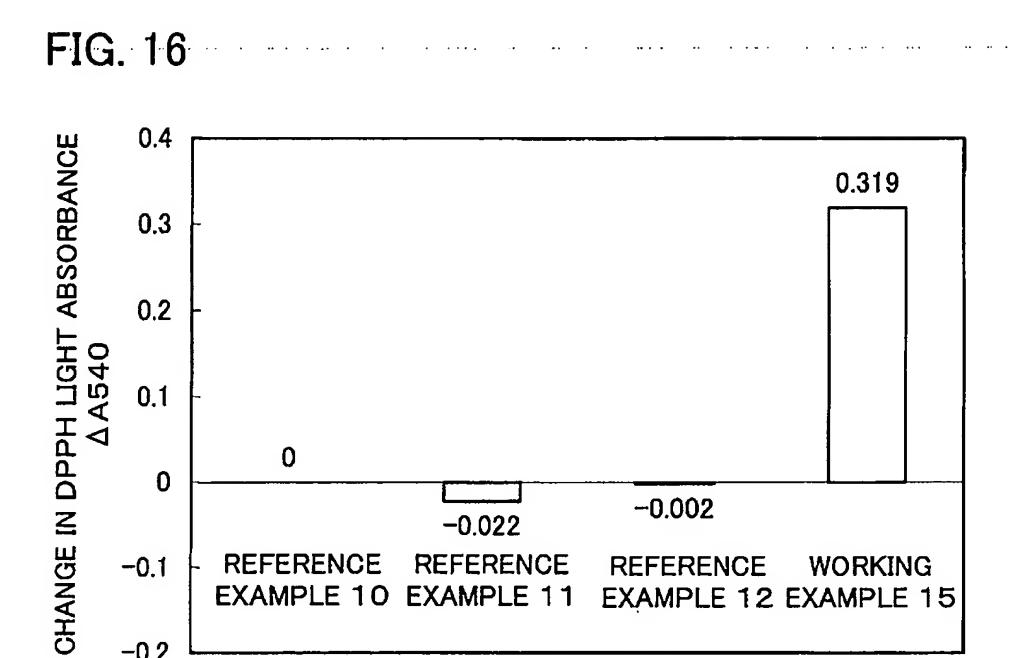


FIG. 14

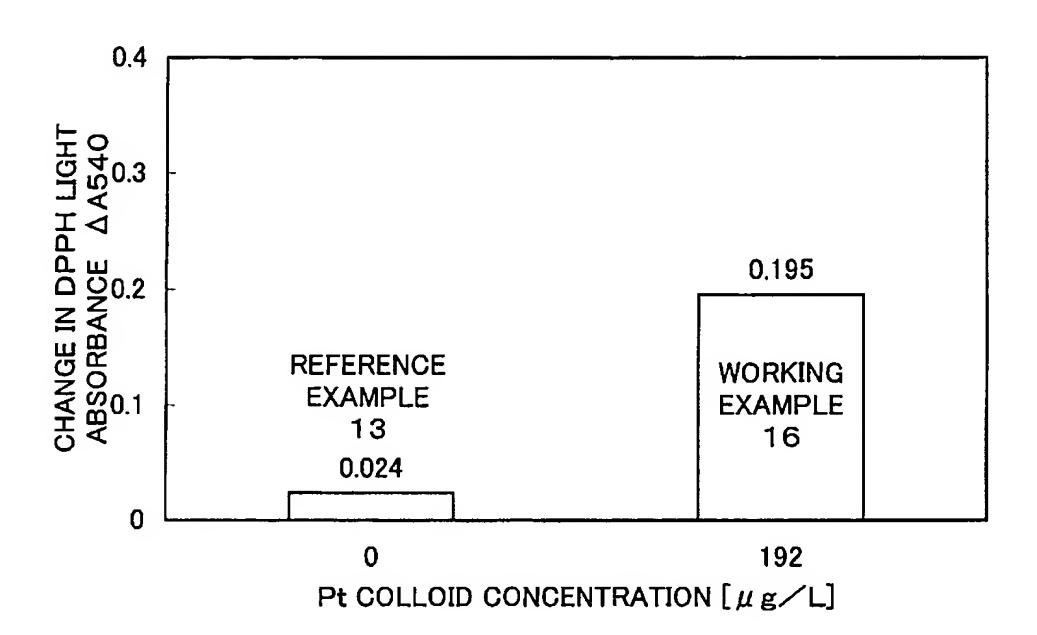




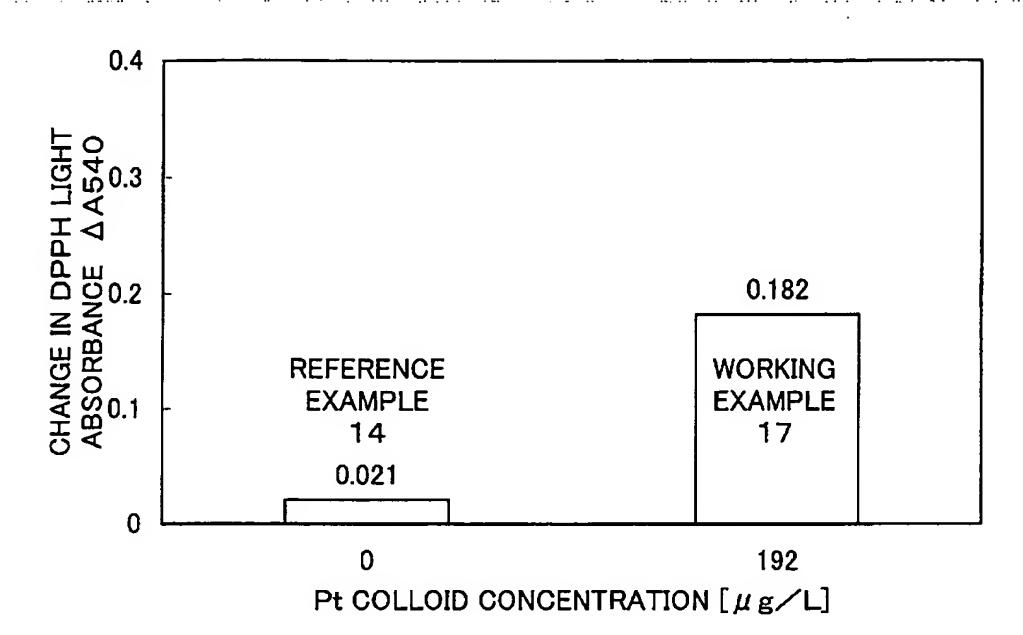


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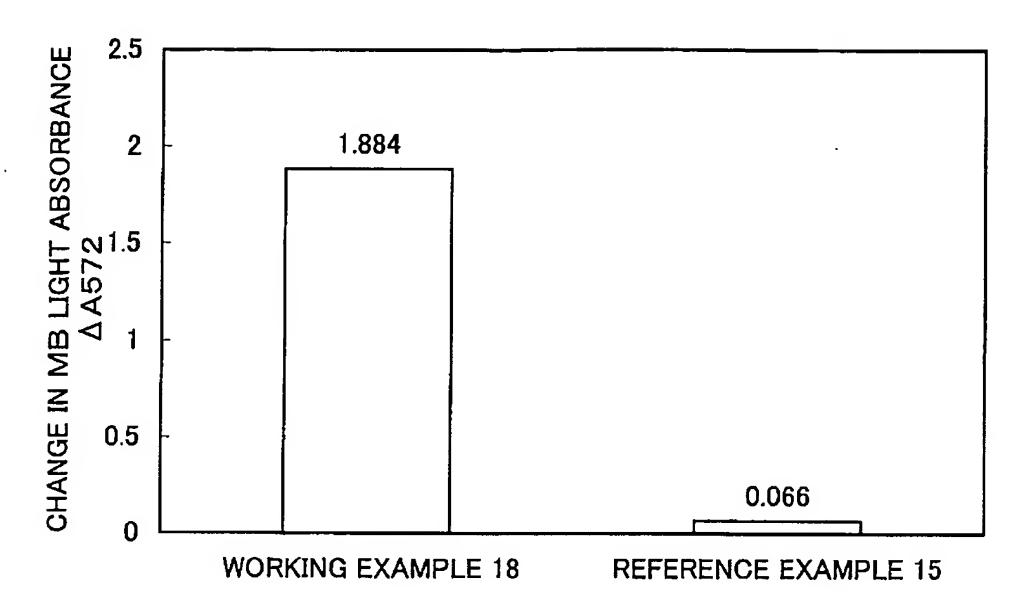
FIG. 17













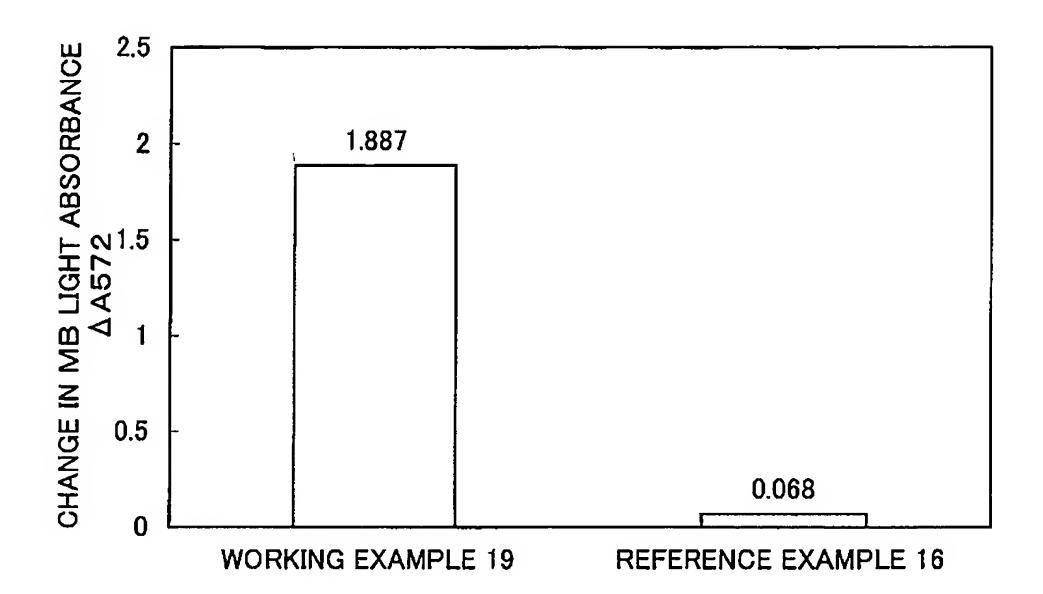


FIG. 21

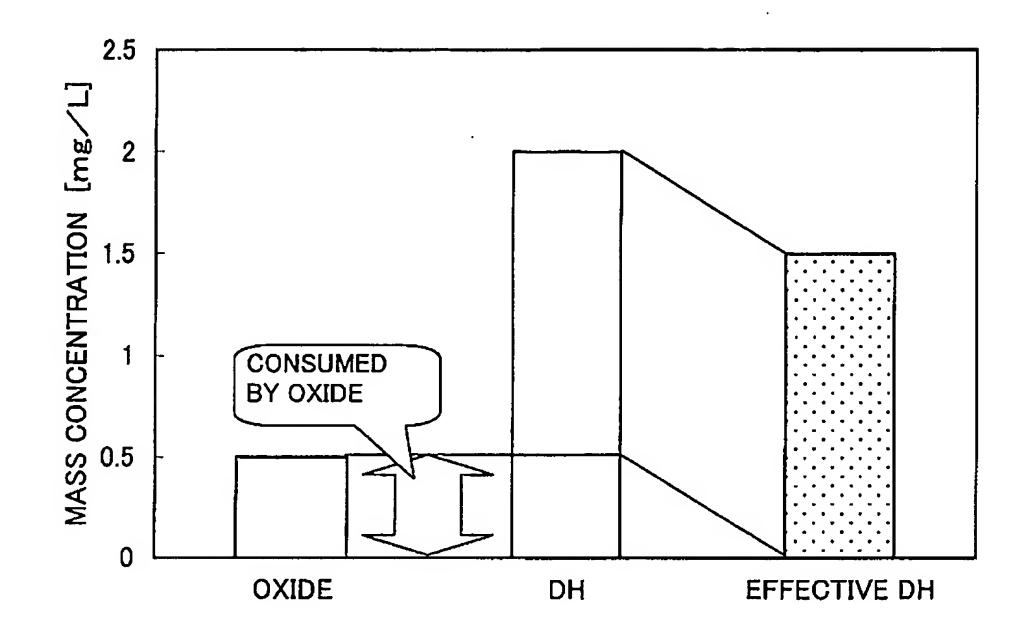
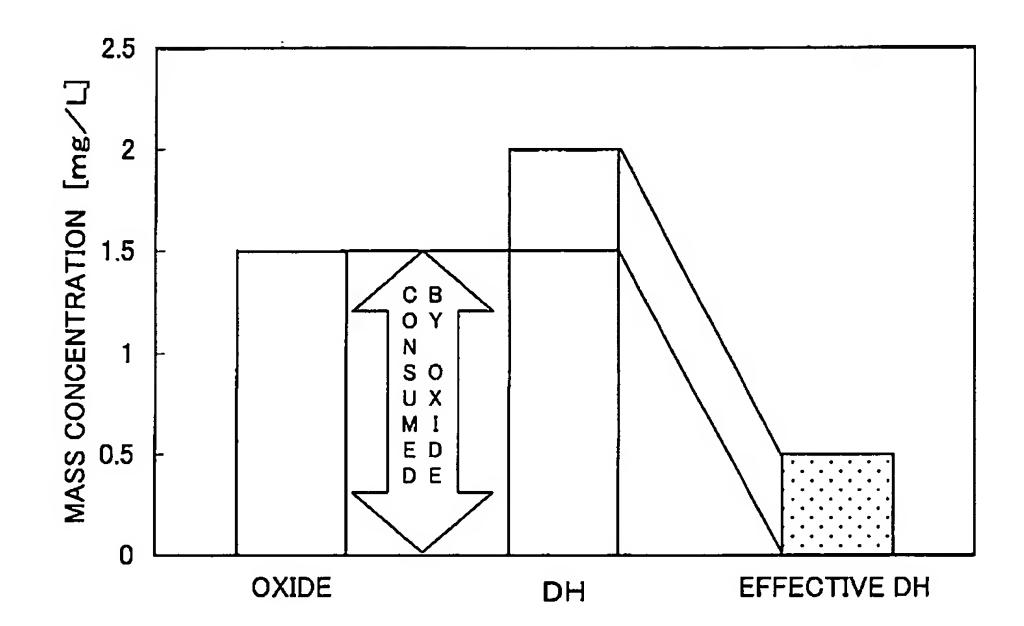
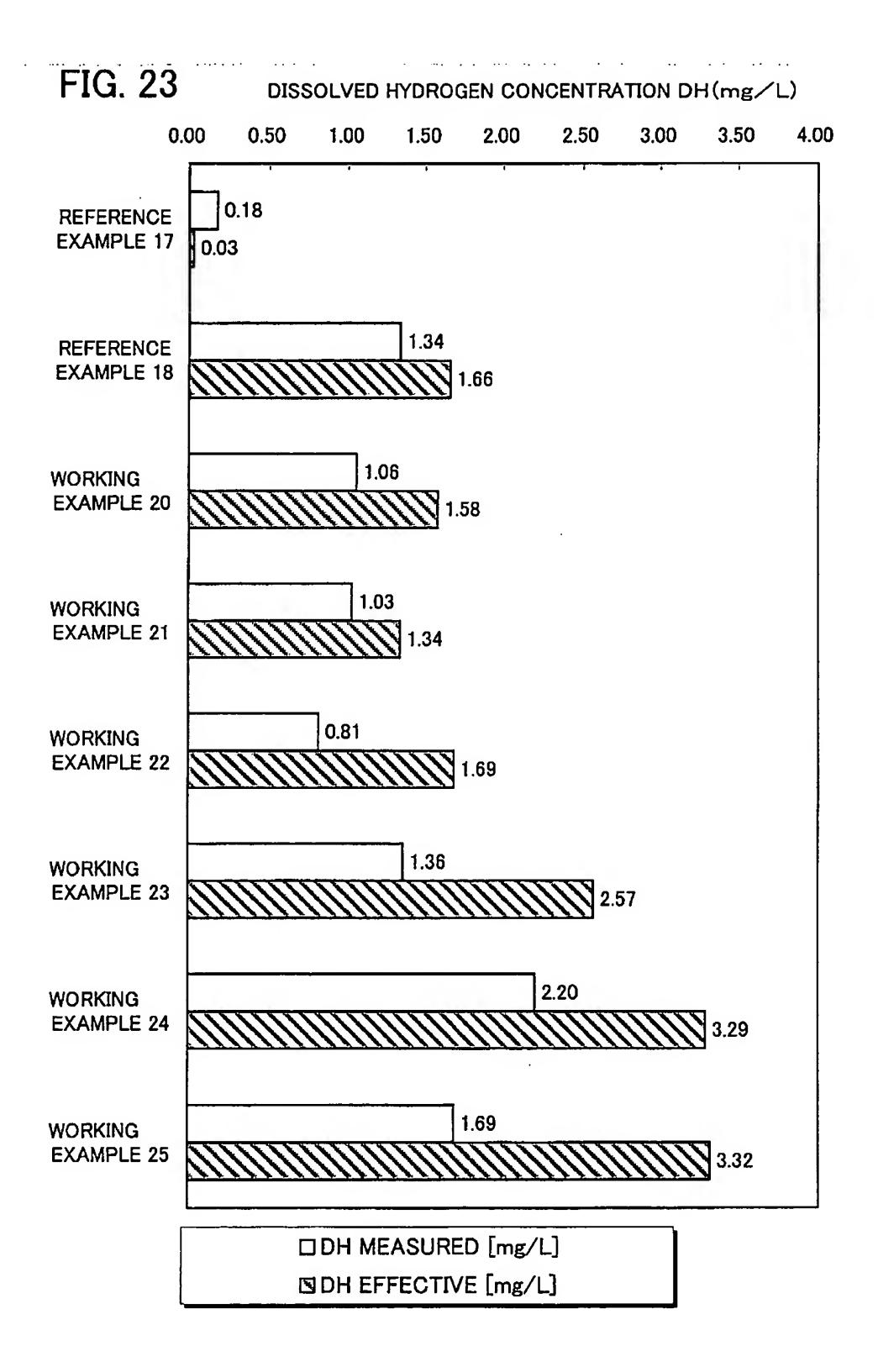


FIG. 22





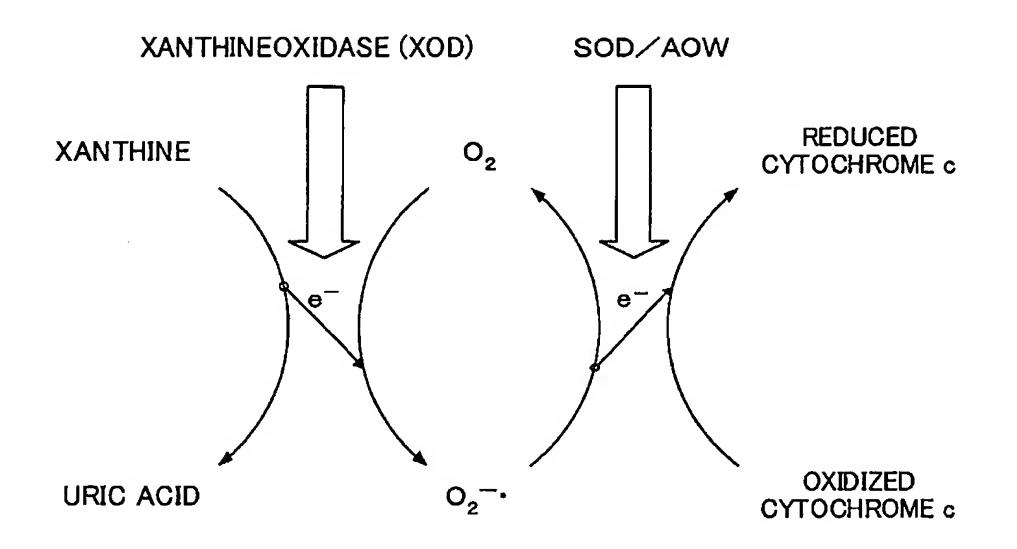
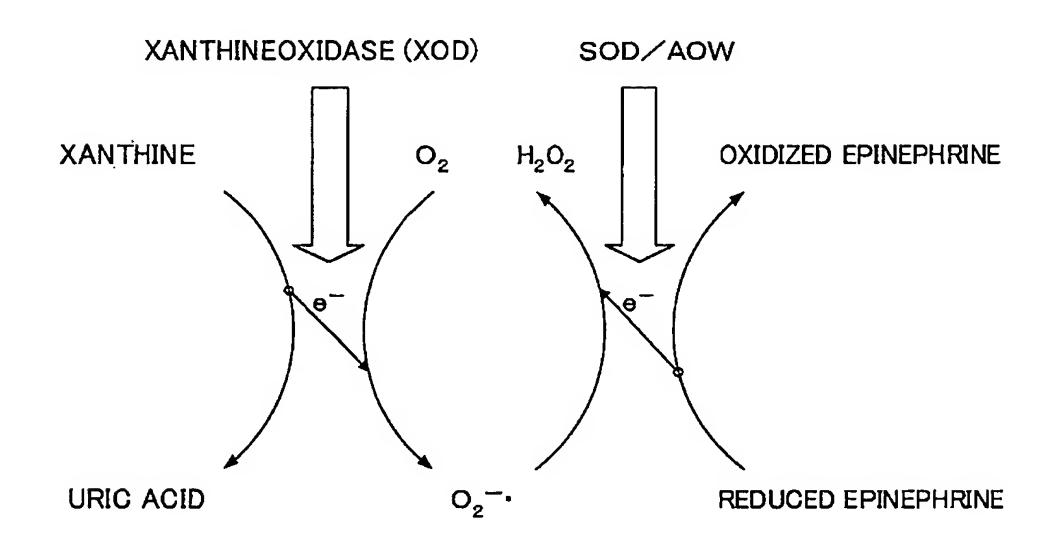
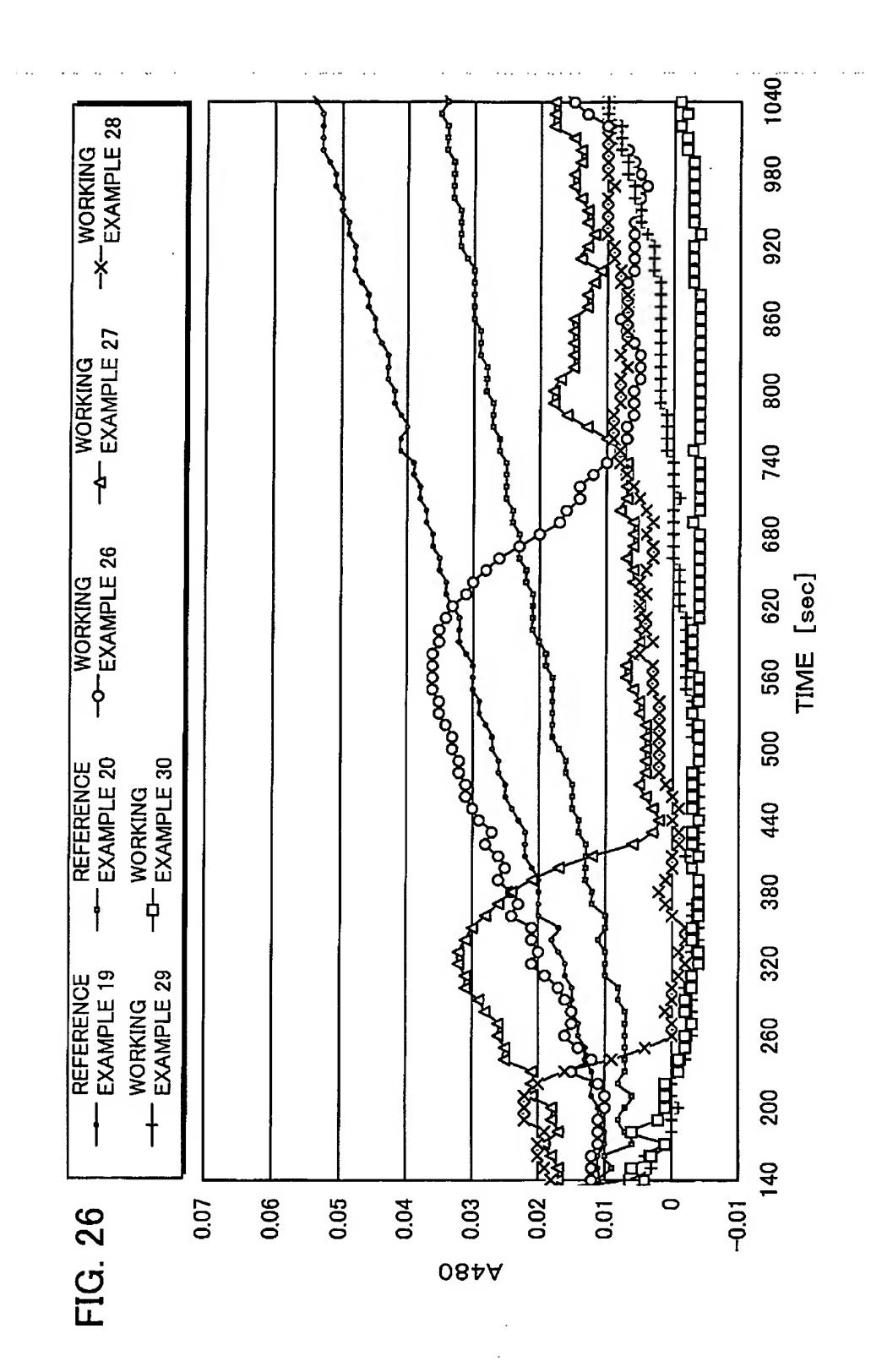
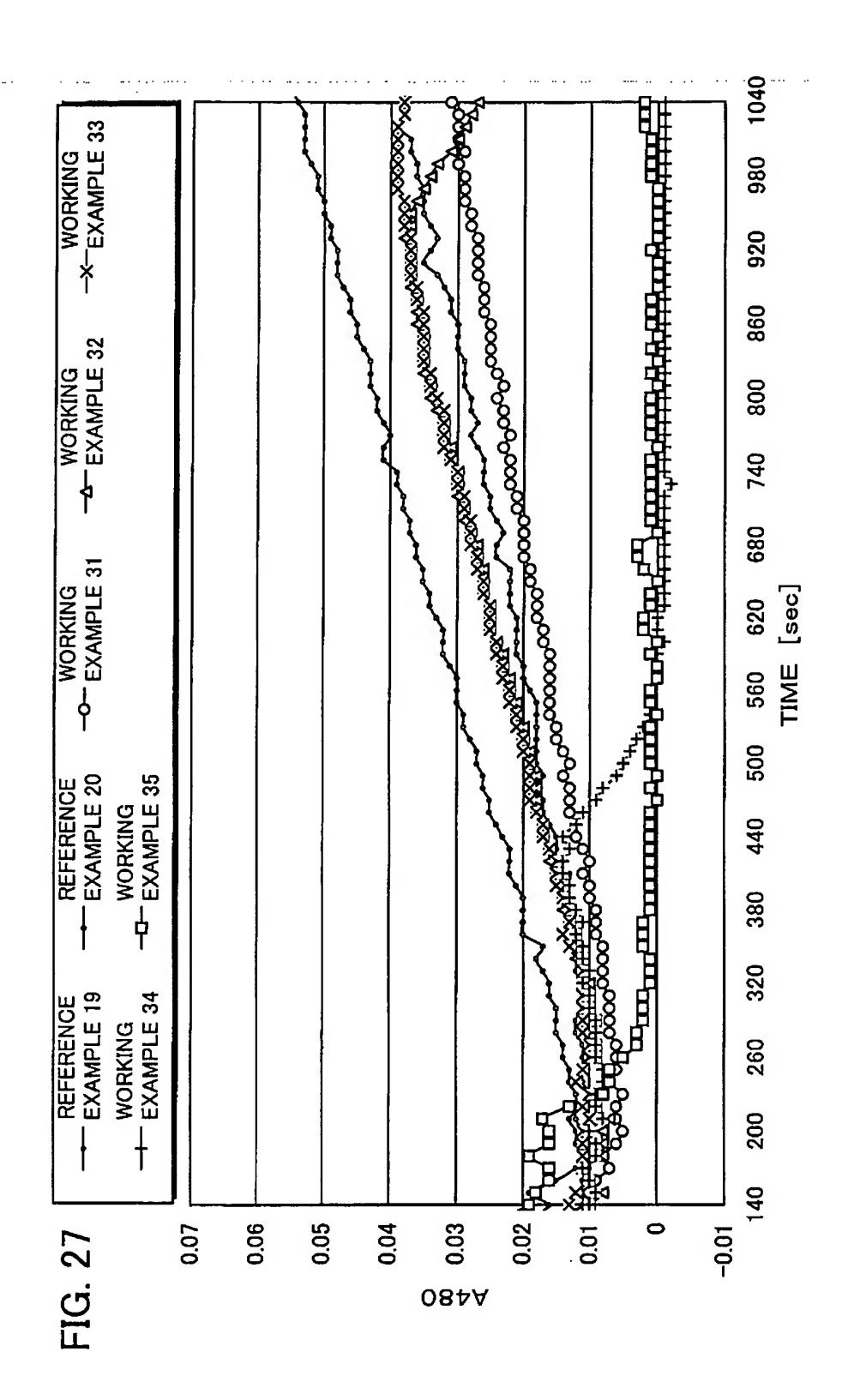
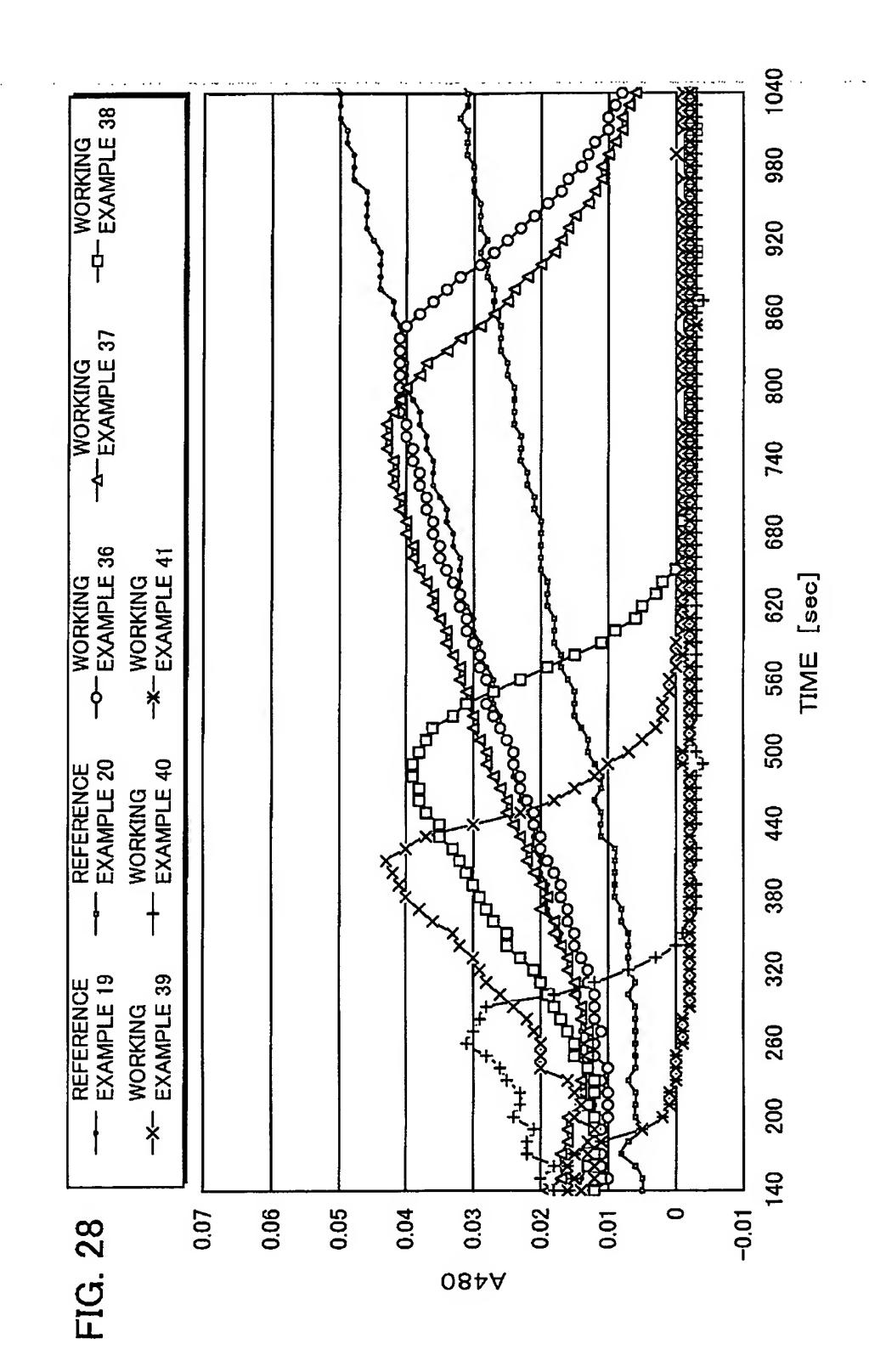


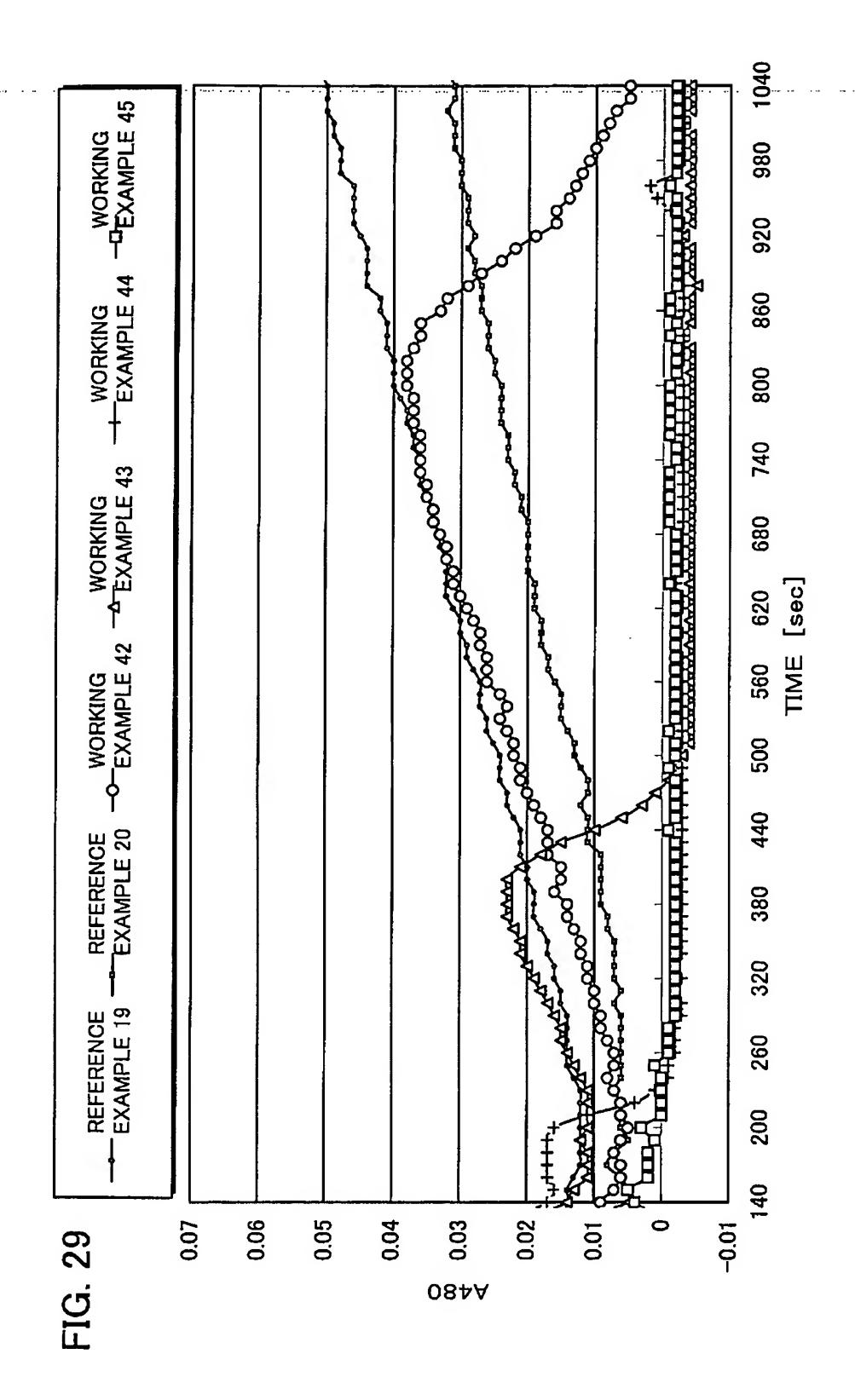
FIG. 25

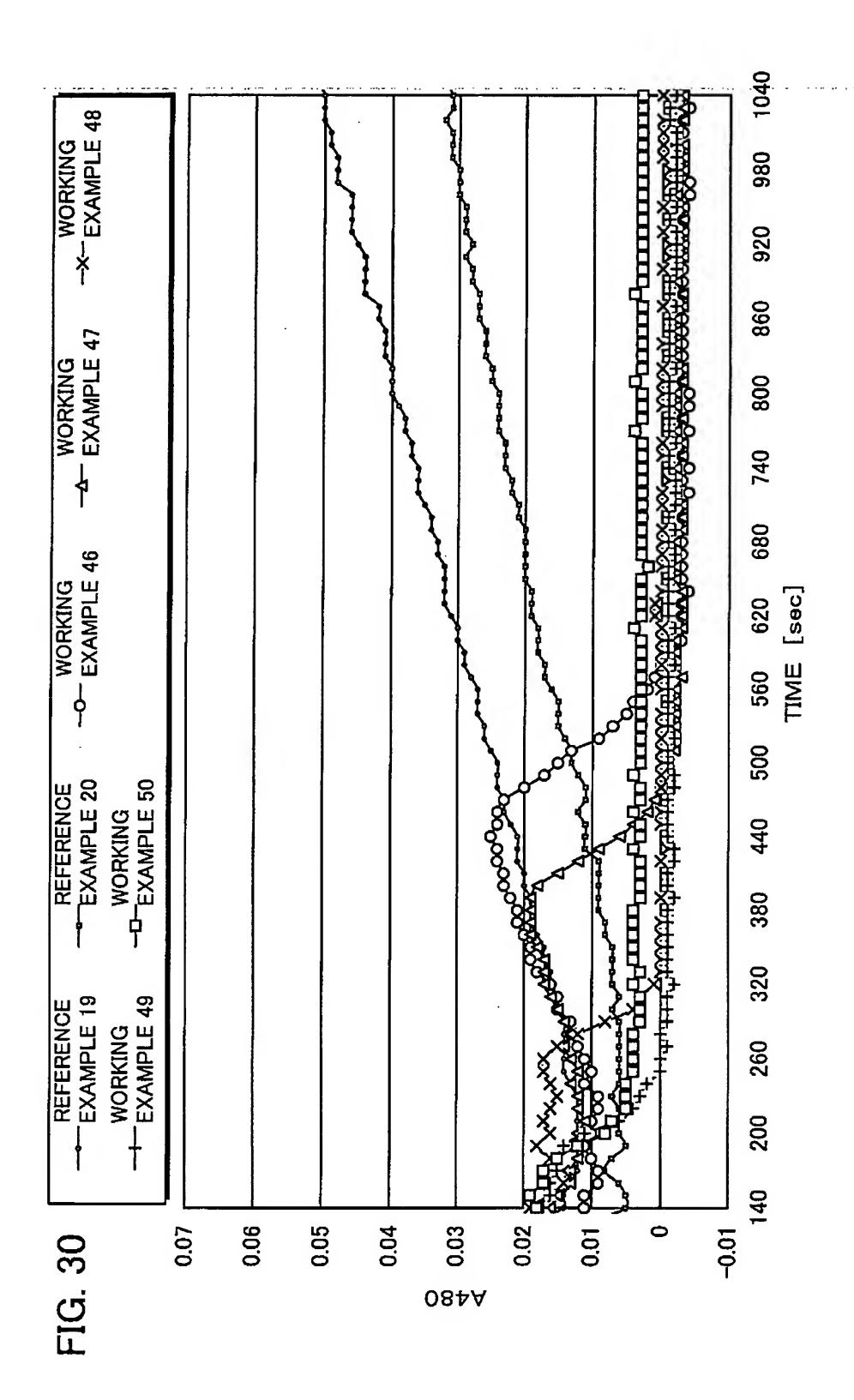


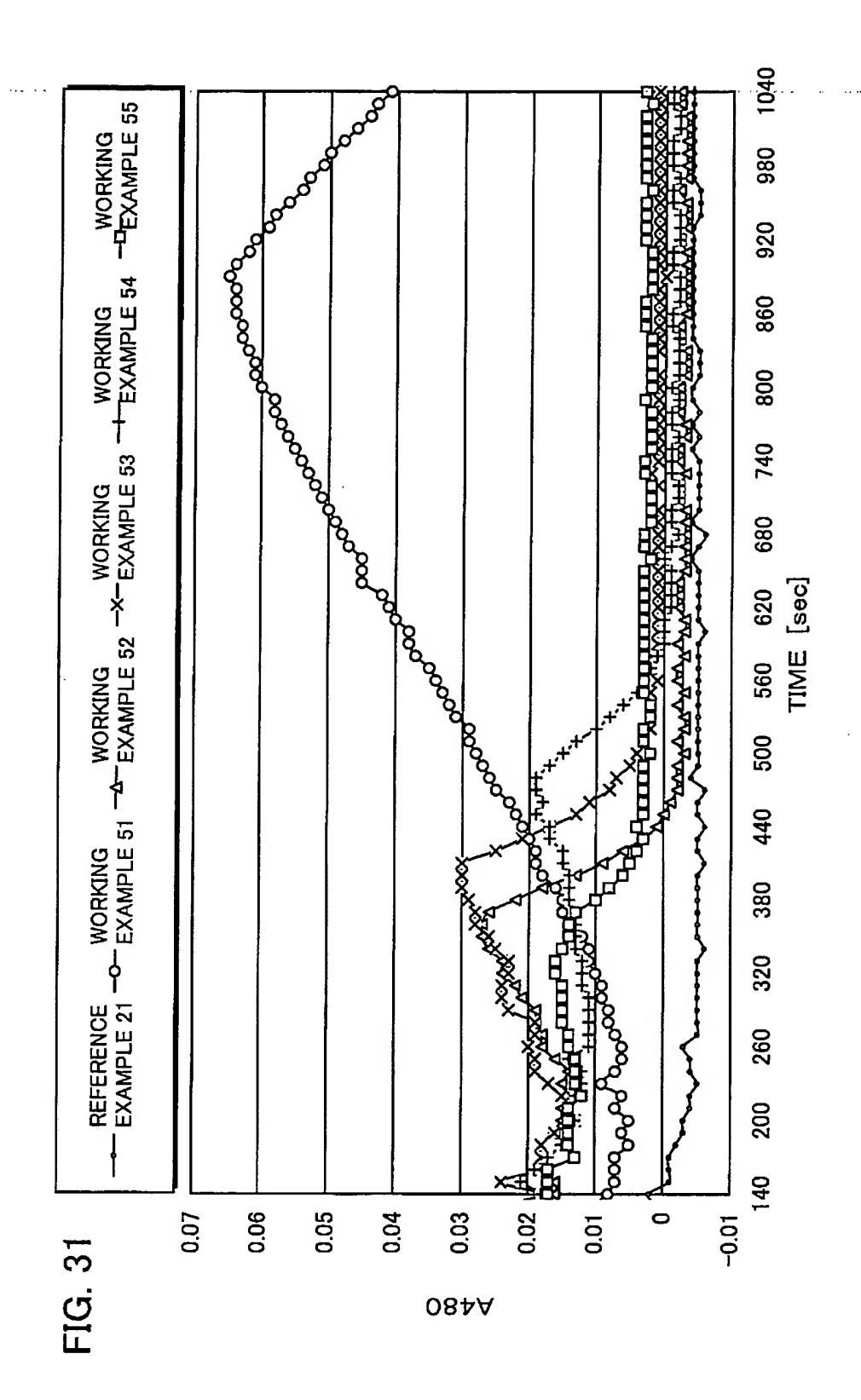


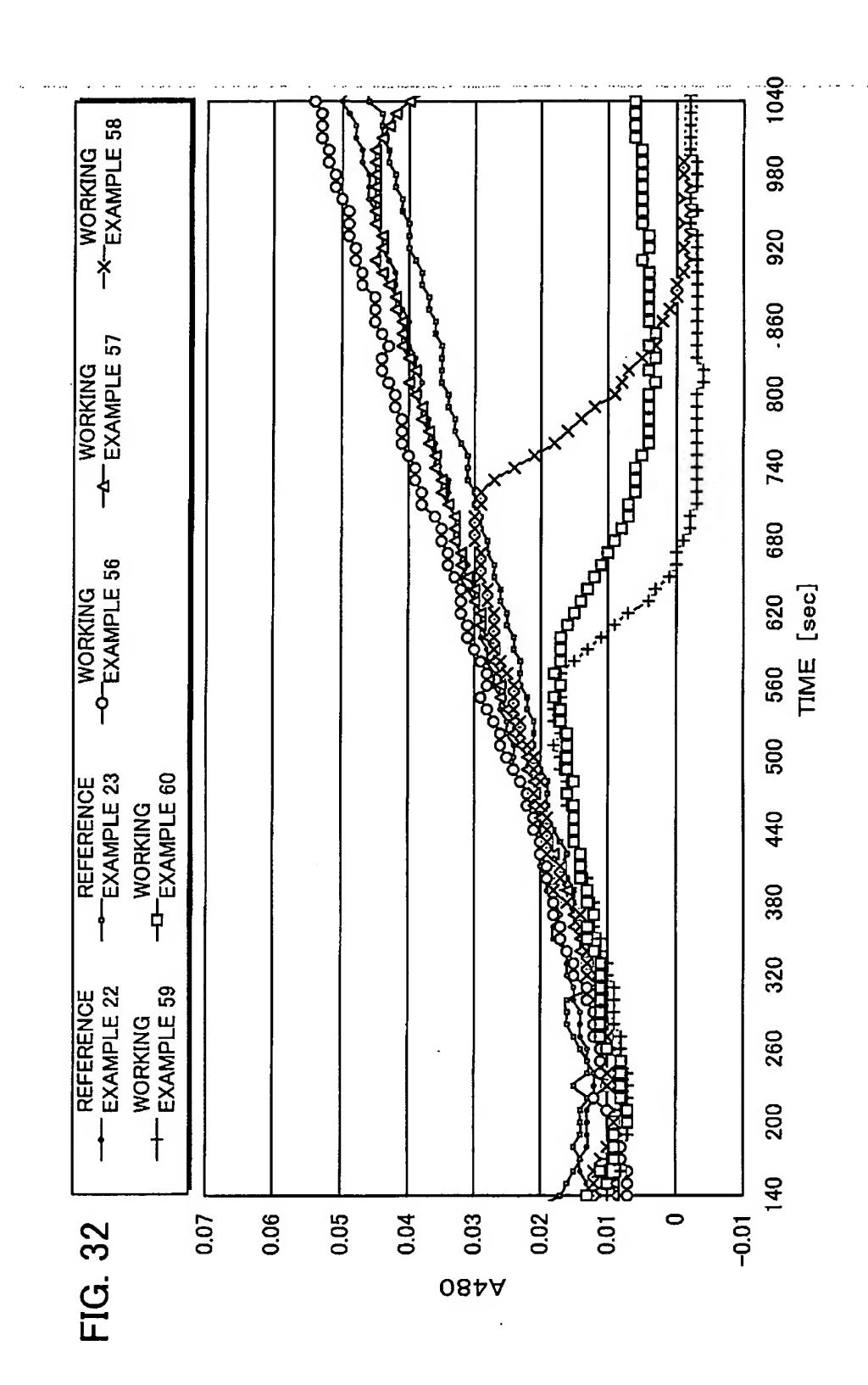


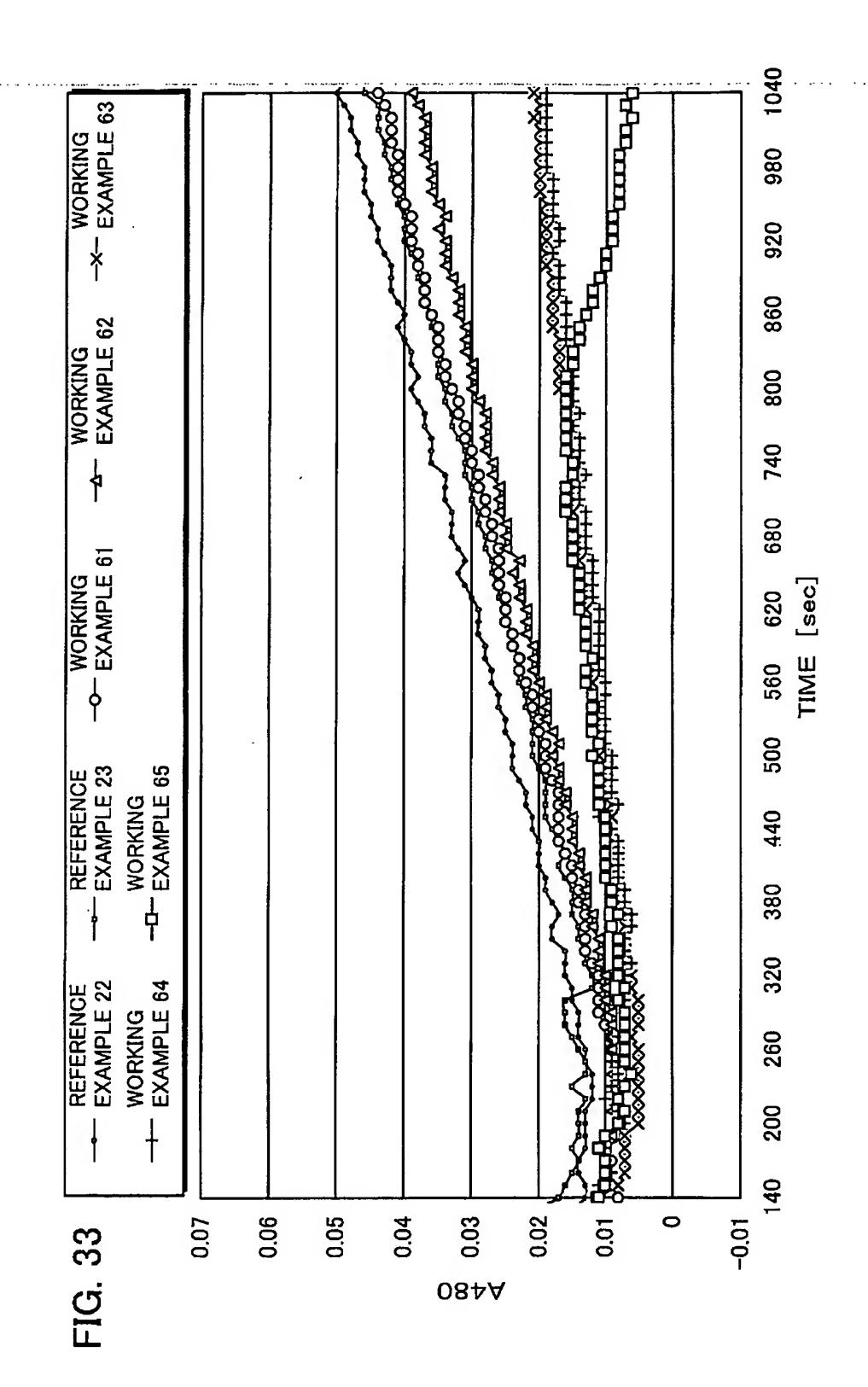


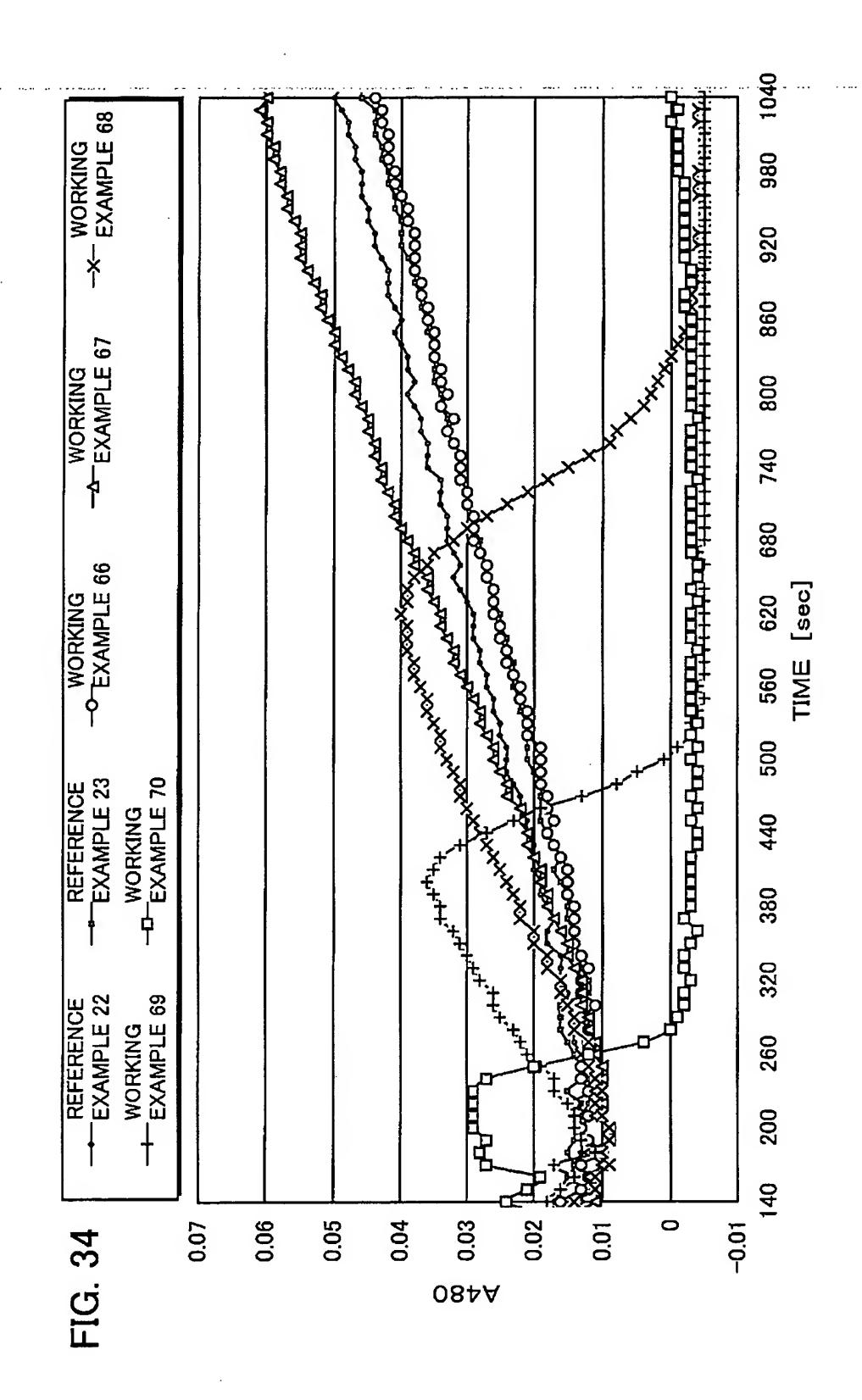


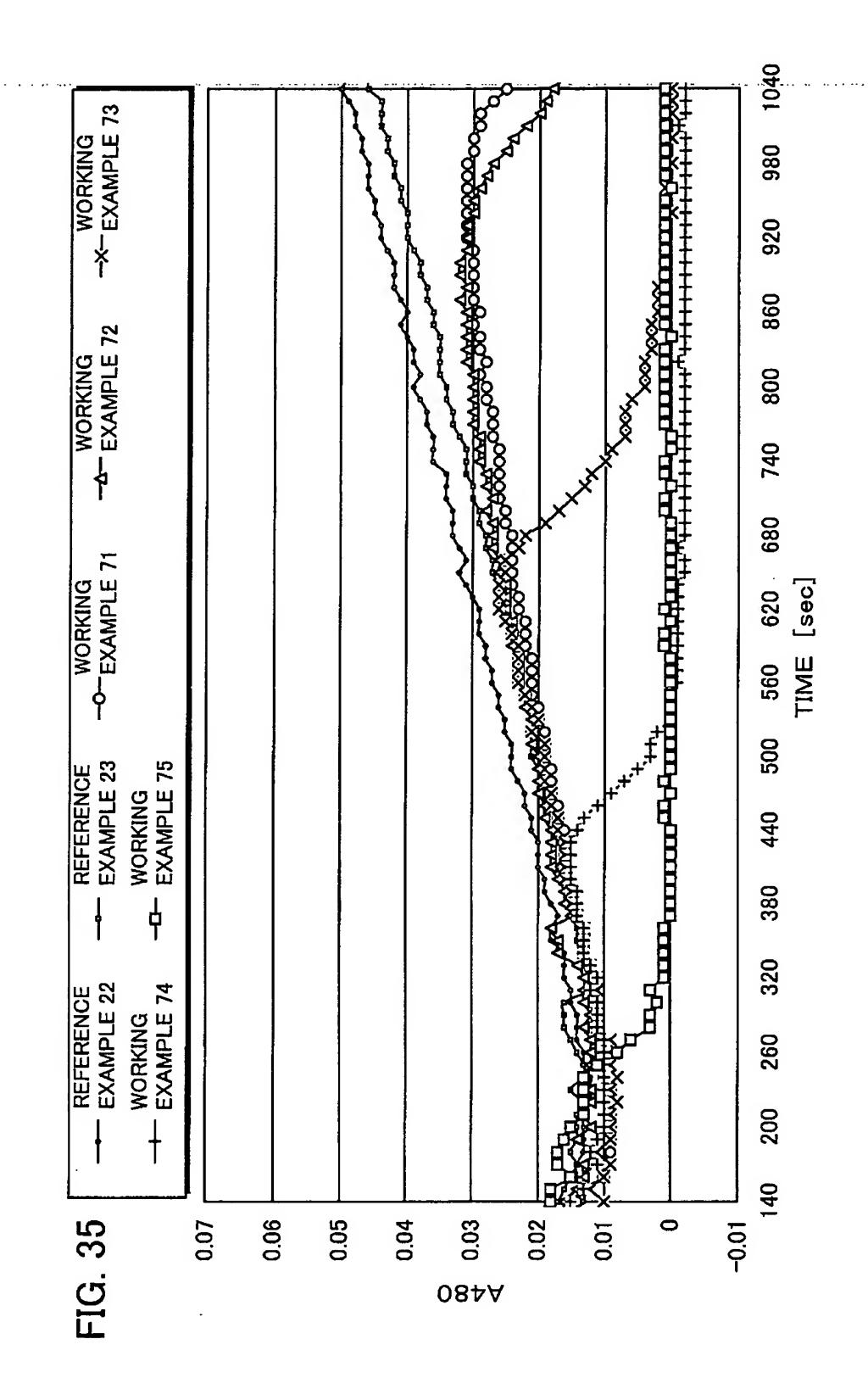


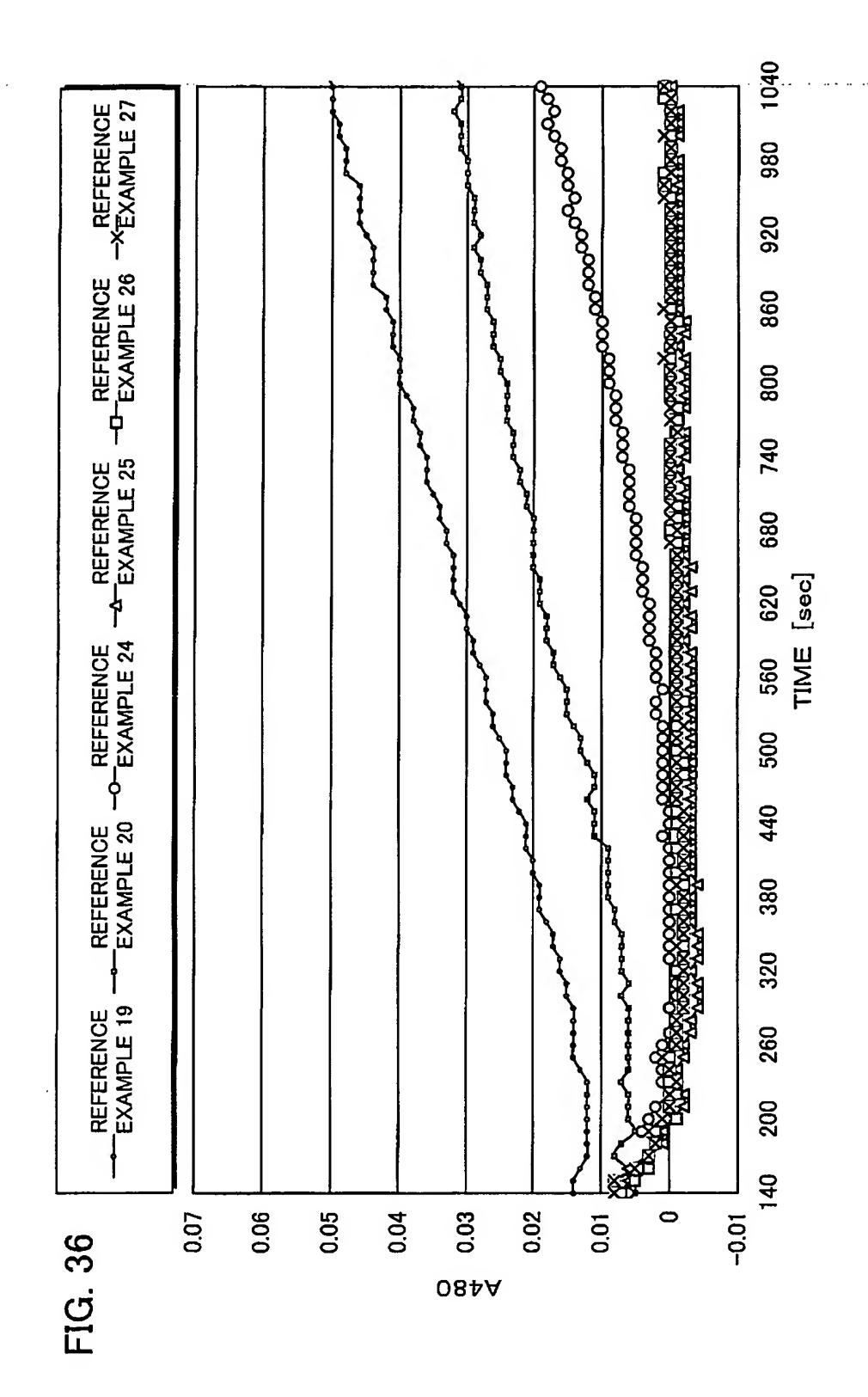




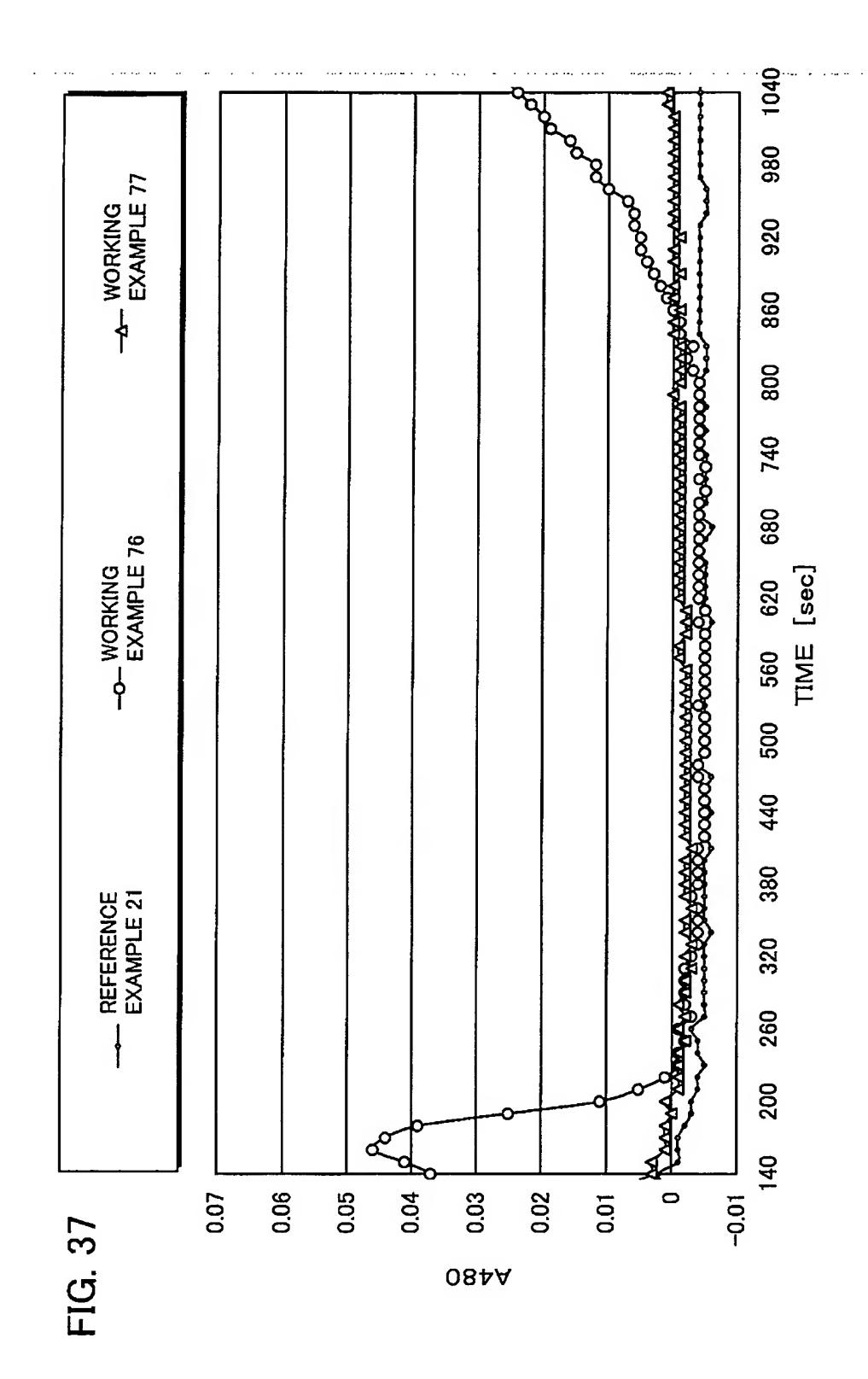


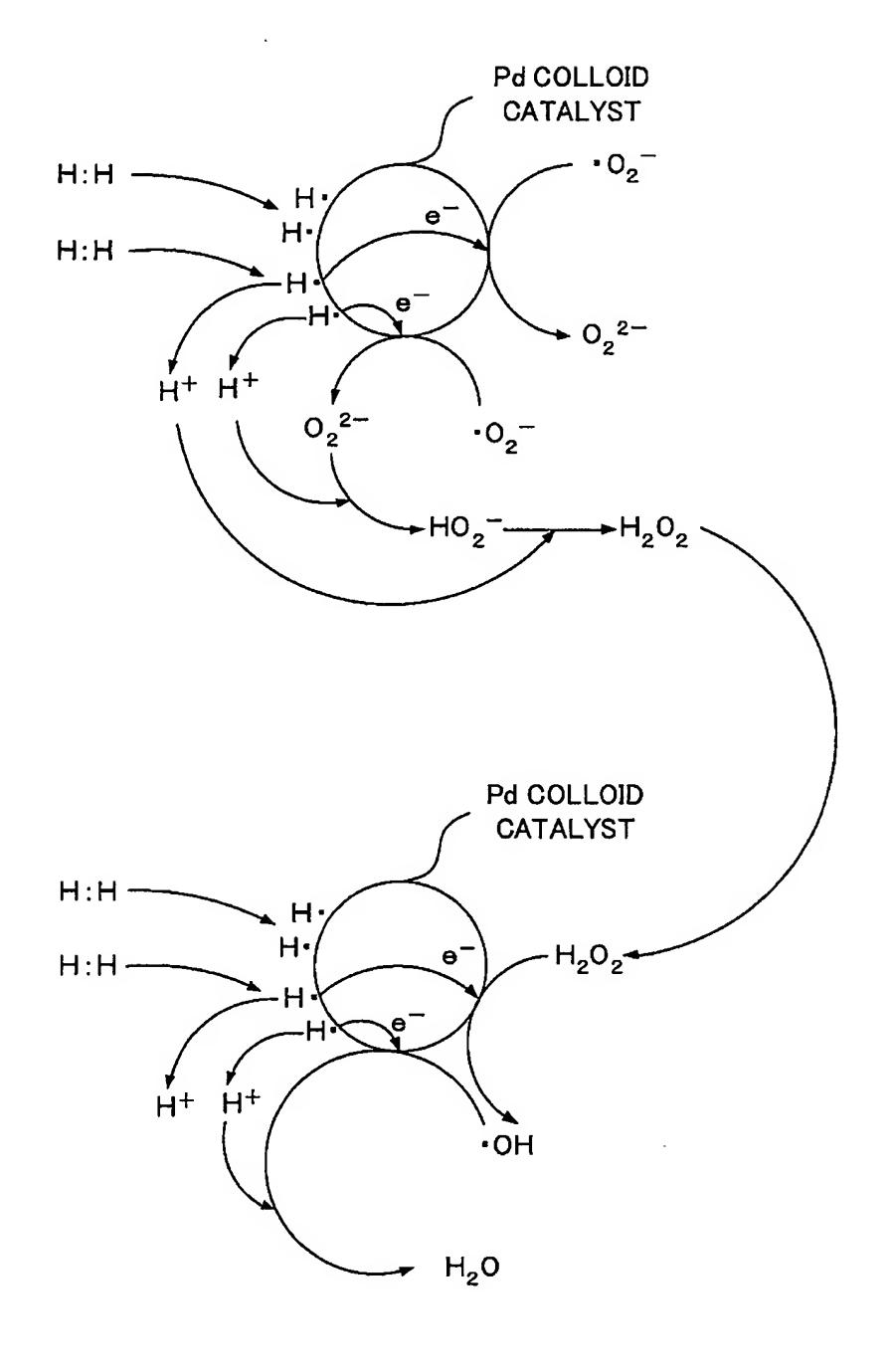


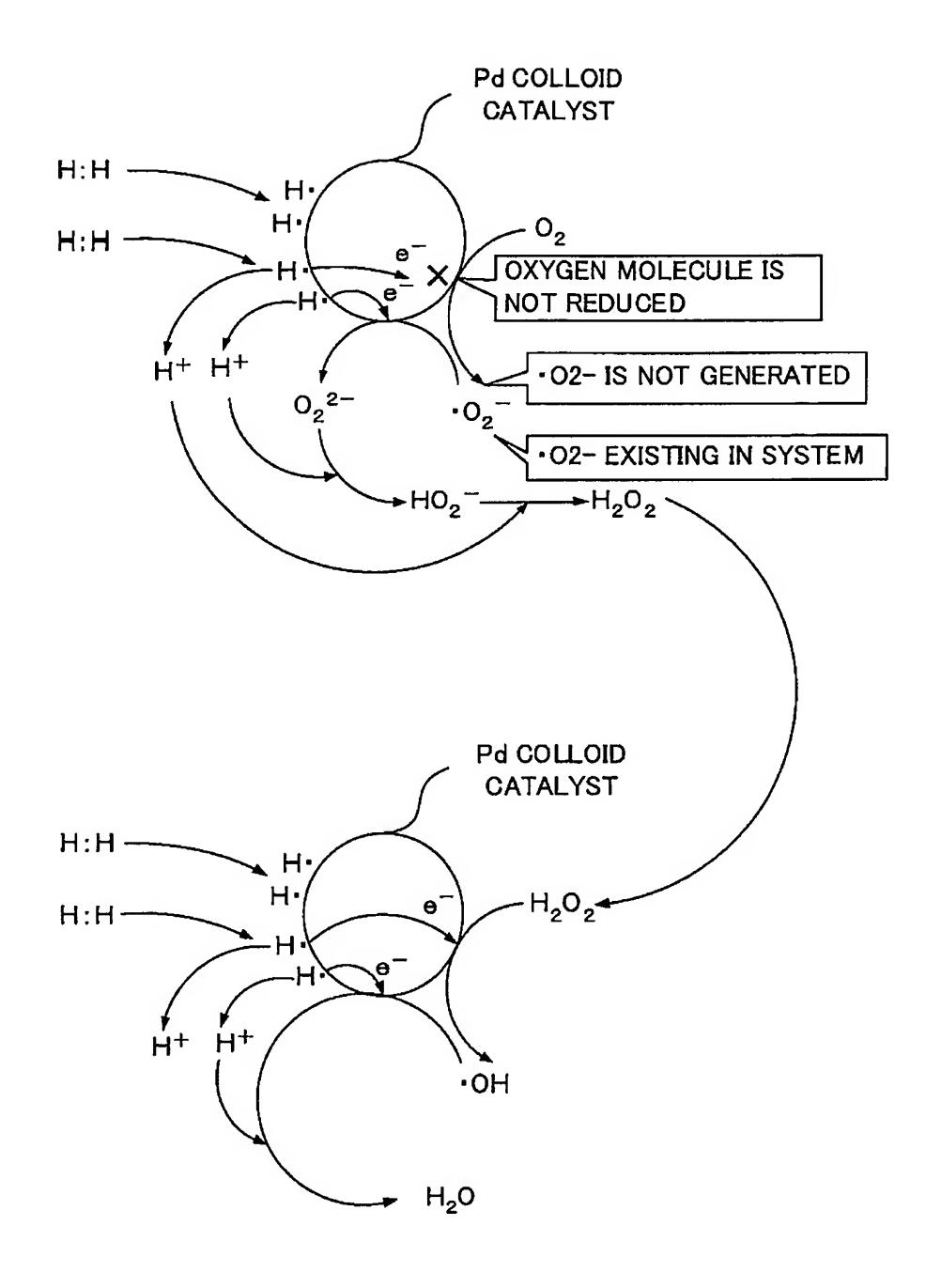




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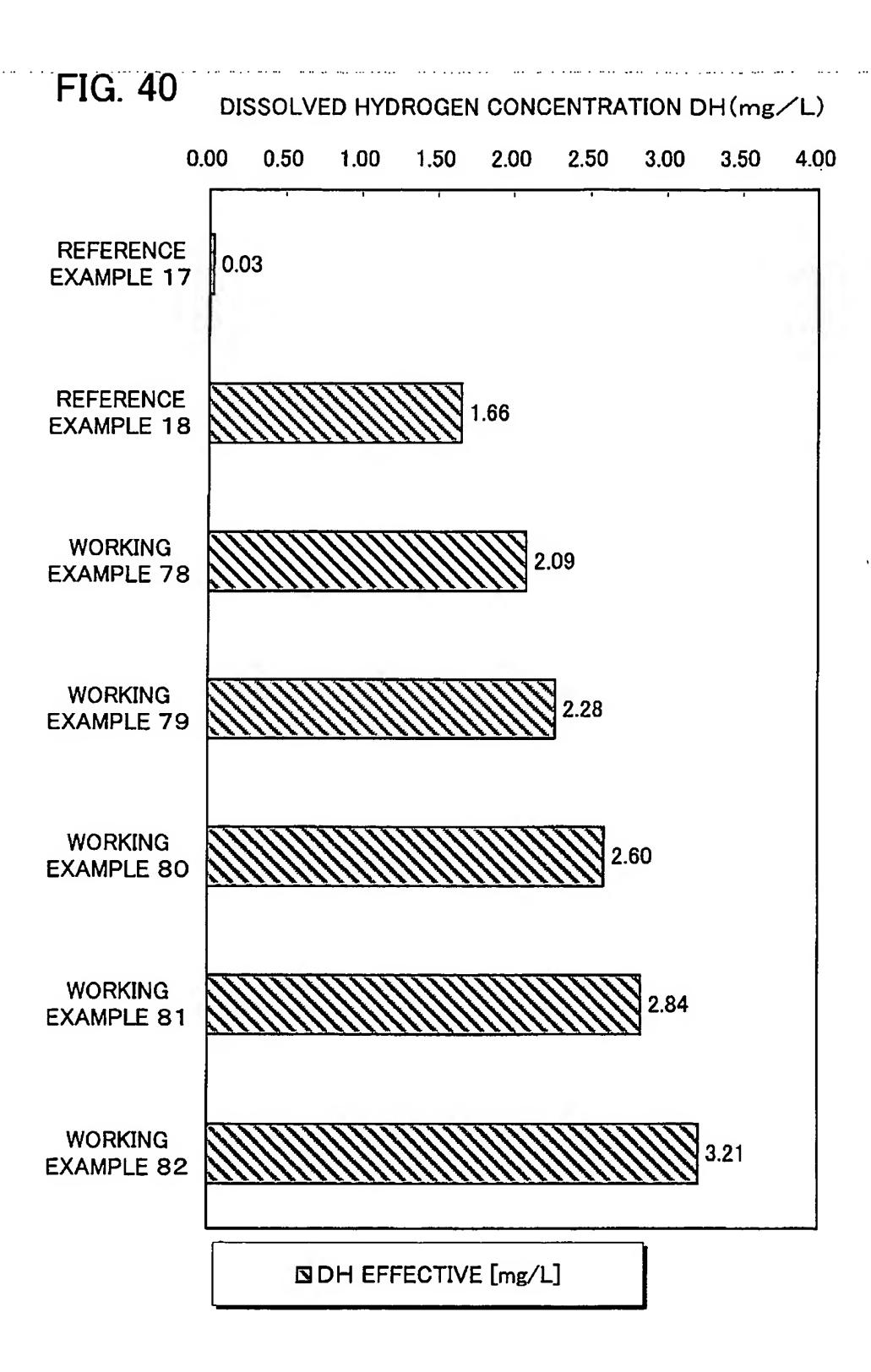
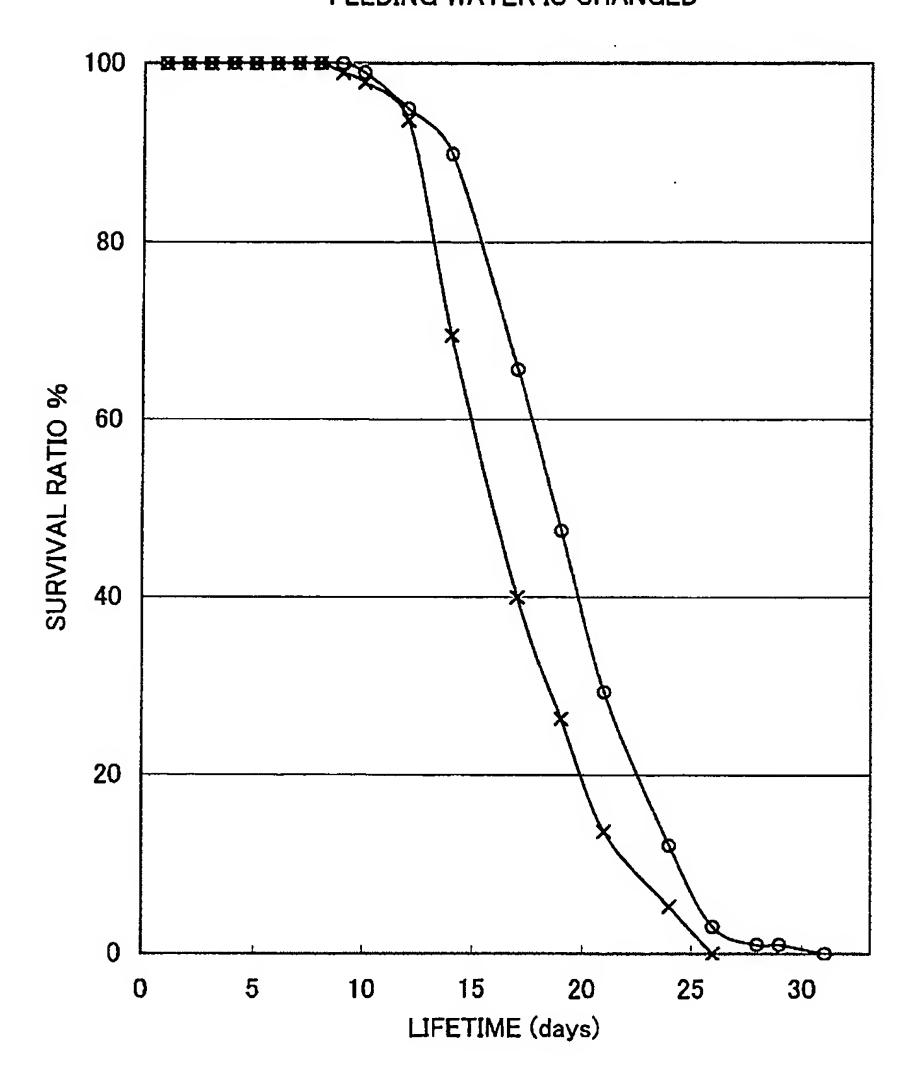
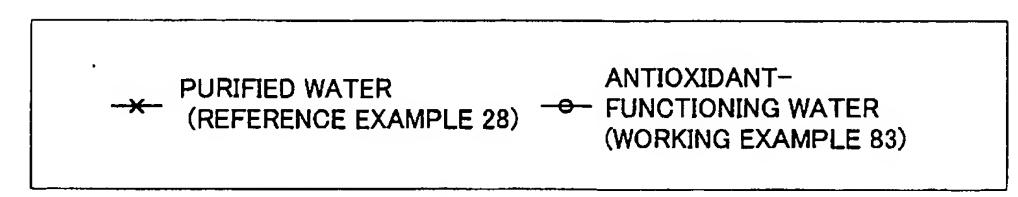


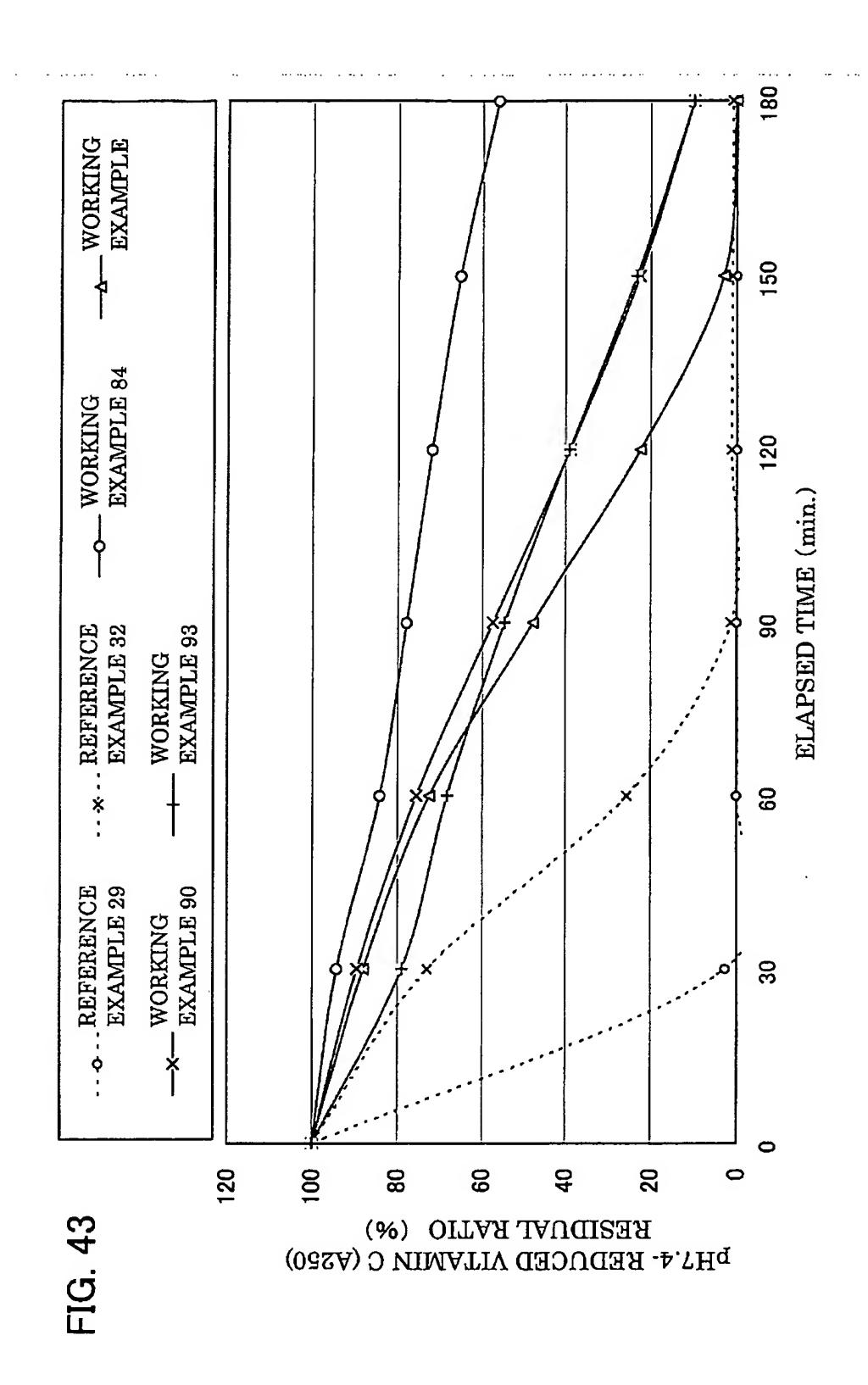
FIG. 41

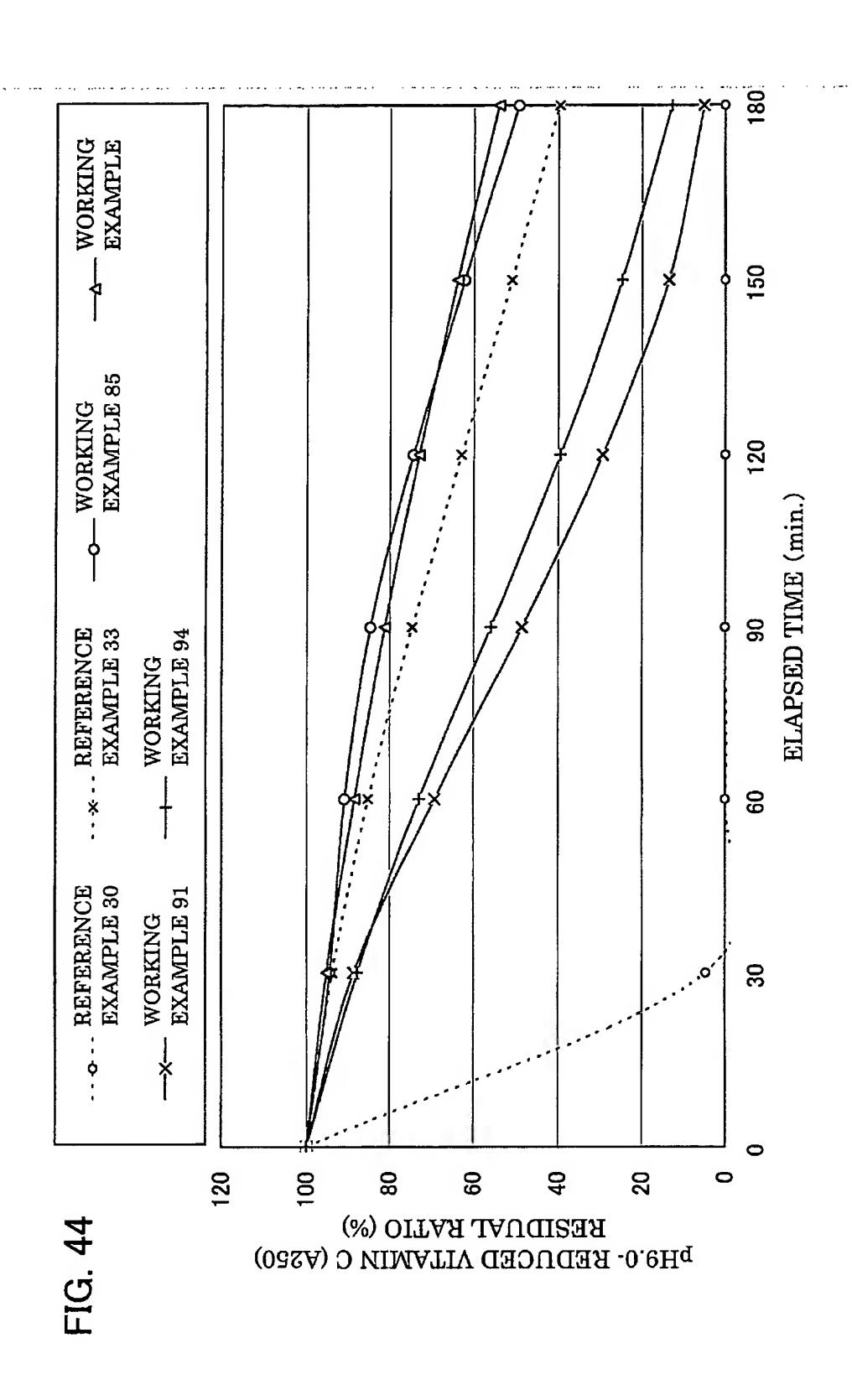
## NAMATODE SURVIVAL RATIO RELATIVE TO LIFETIME WHEN FEEDING WATER IS CHANGED



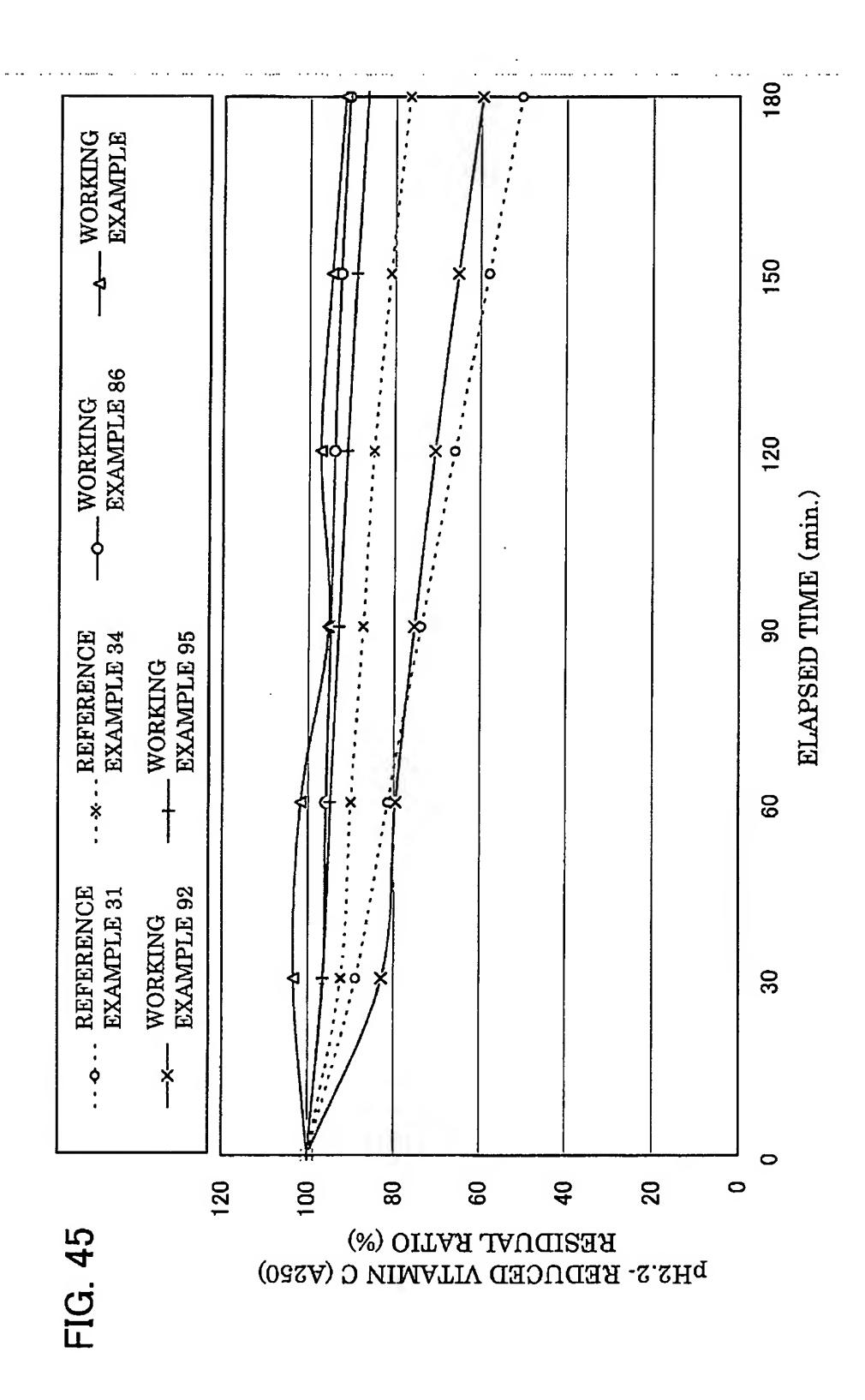


AVERAGE LIFE SPAN IN ANTIOXIDANT FUNCTIONING WATER: 20.05 DAYS AVERAGE LIFE SPAN IN PURIFIED WATER: 17.75 DAYS S |24 WHEN FEEDING WATER IS CHANGED CHANGE IN NAMATODA LIFE SPAN 19 20  $\frac{1}{\infty}$ 14 15 10 11 တ EJ ANTIOXIDANT-FUNCTIONING S ■ PURIFIED WATER FIG. 42 WATER DEATH RATE (NUMBER OF NAMATODA)

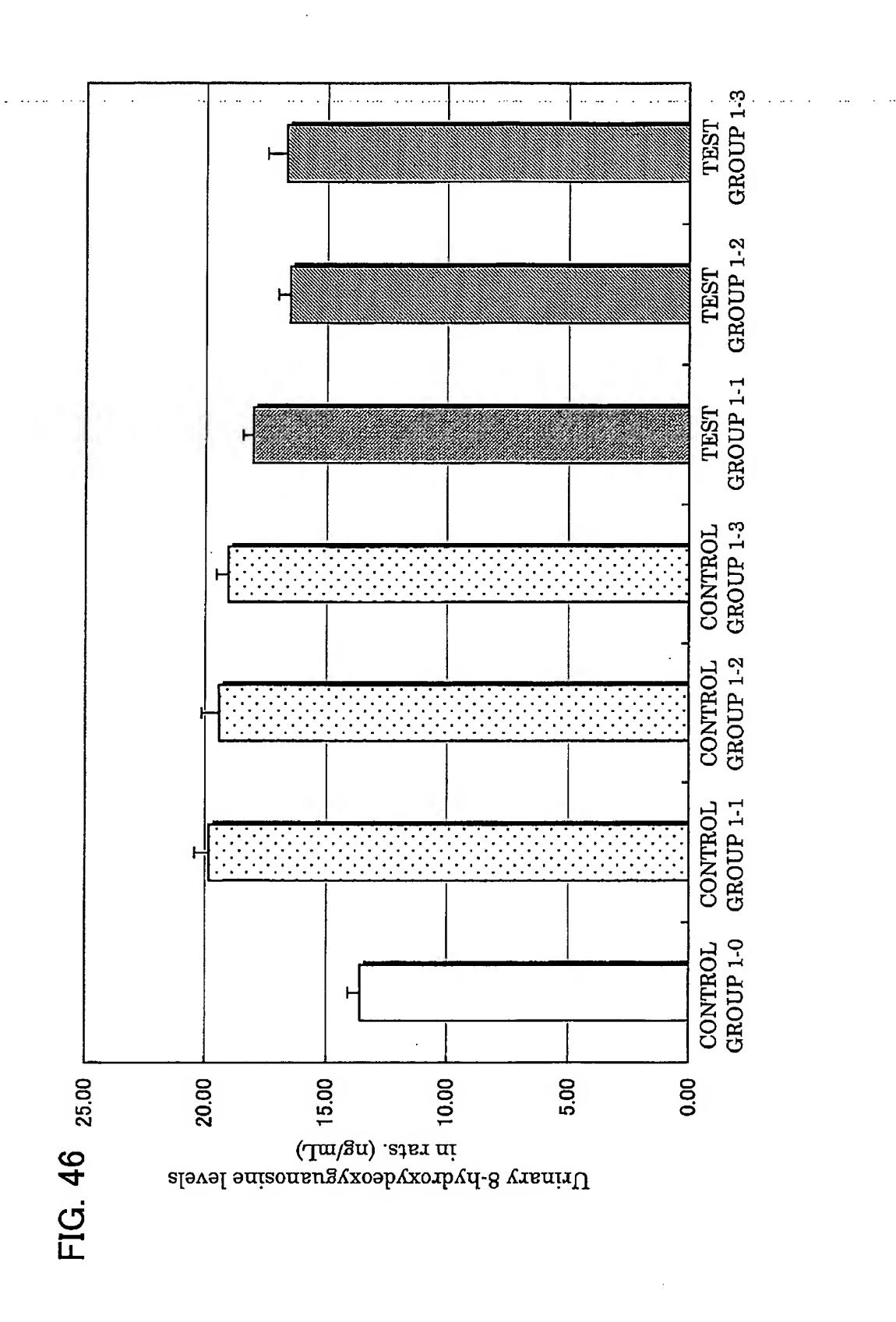




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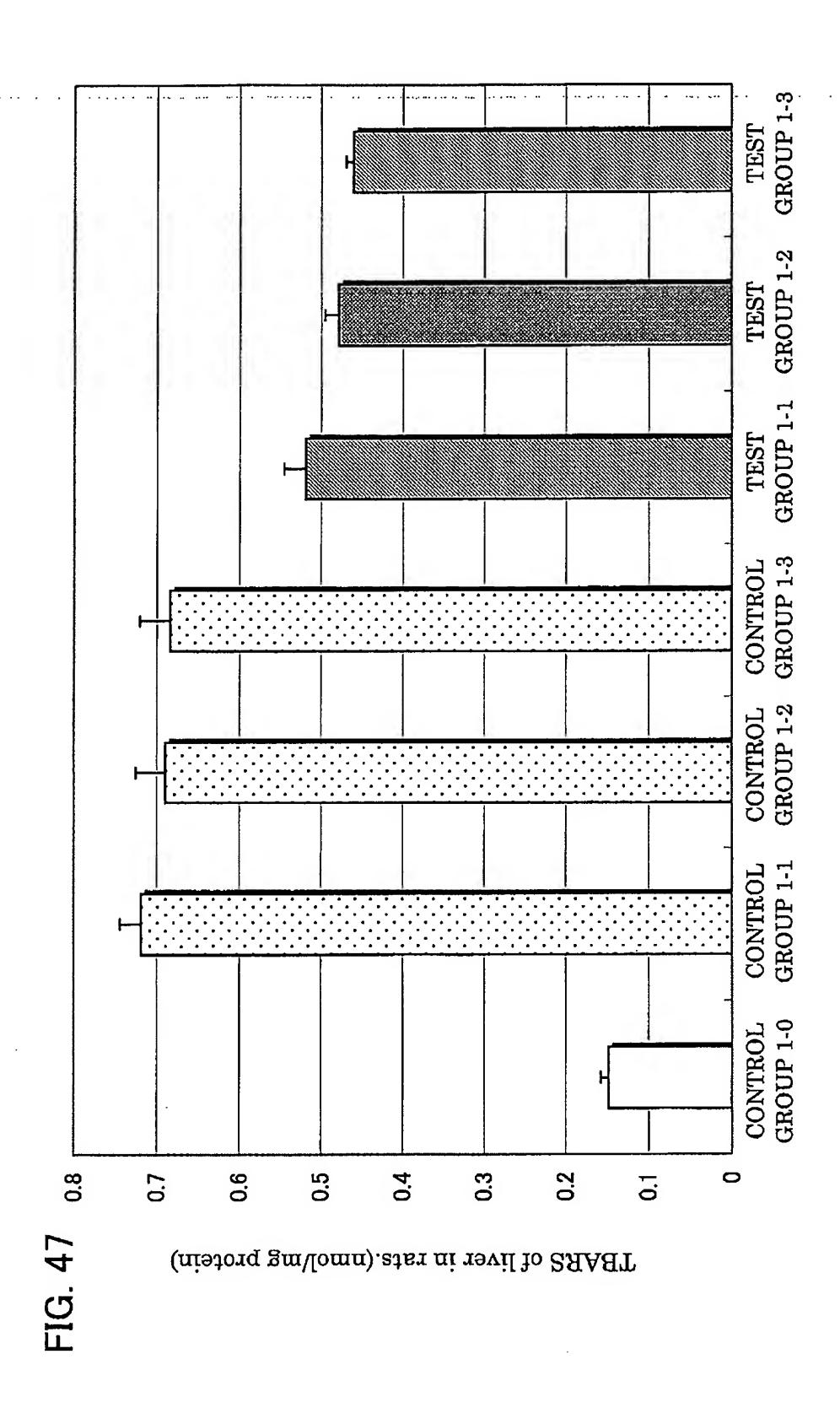


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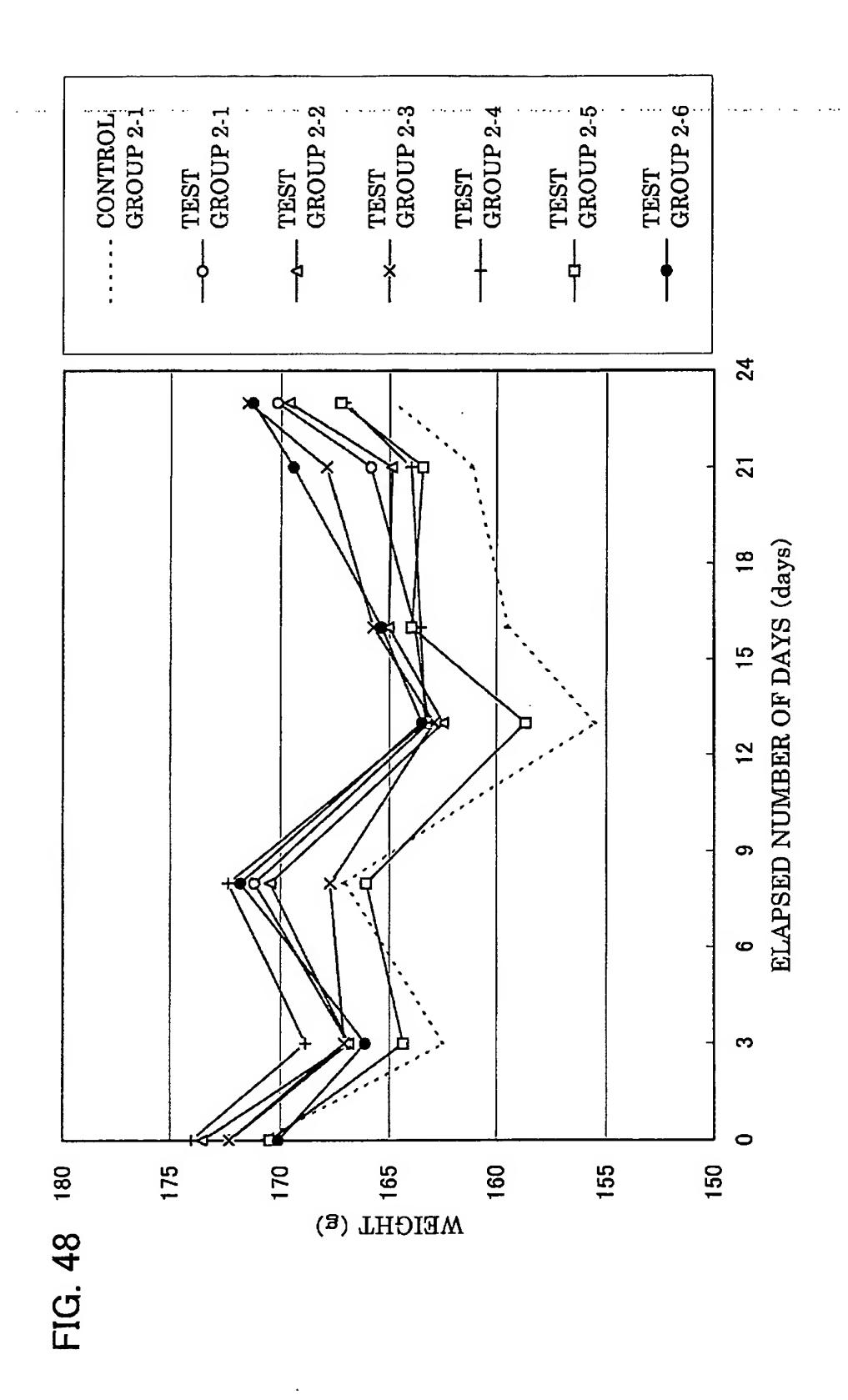


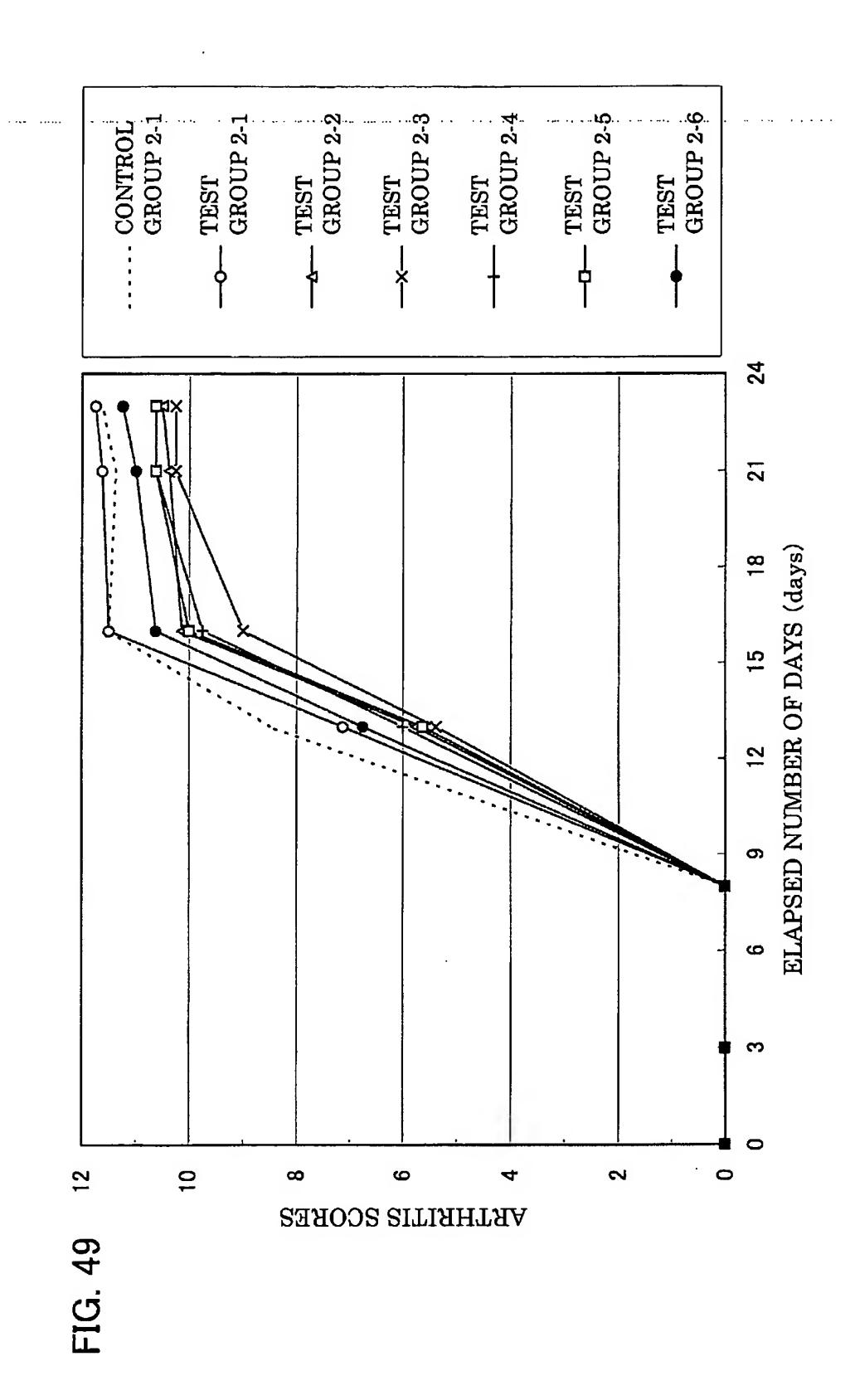
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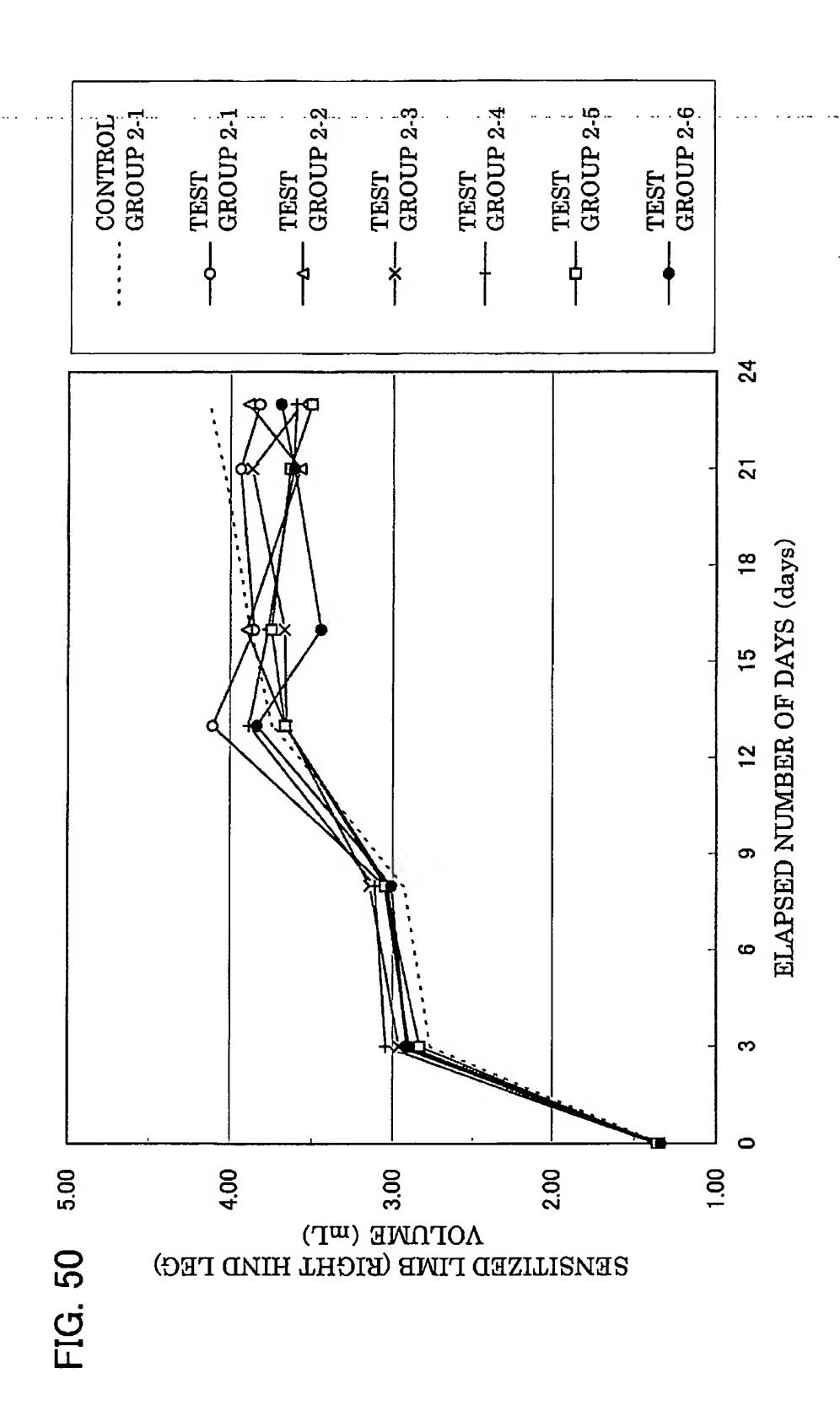


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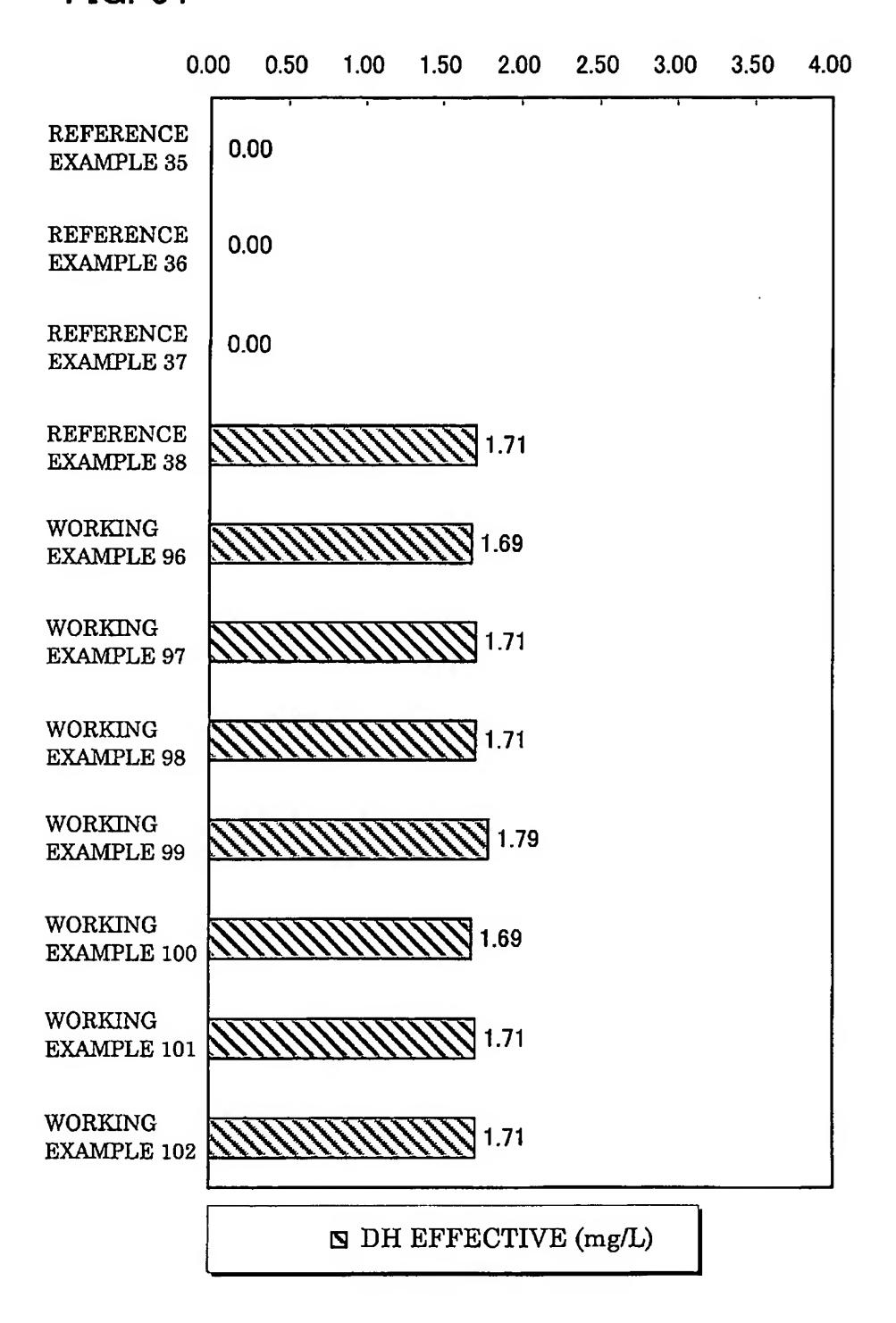


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FIG. 51



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